

Lancaster Farming

VOL. 33 No. 3

Lancaster Farming, Saturday, November 21, 1987

Four Sections

\$8.50 Per Year

Irwin Named 1987 Agricultural Communicator

LANCASTER, Pa.—Lancaster County Extension director Jay W. Irwin is the recipient of Atlantic Dairy Cooperative's 1987 Agricultural Communicator Award.

Irwin was recognized for his "exemplary services to the dairy cooperative community" at Atlantic's 70th annual meeting. President Robert B. McSparran made the presentation during the Young Cooperator program Nov. 20.

The award recognizes individuals who have excelled in their role as both communicator and educator, reaching cooperative members, consumers, legislators,



Jay Irwin

youth, young farmers, industry employees and land-grant institutions.

Irwin has a long history of cooperative involvement. Following his graduation from Penn State University in 1949, he joined the management team of the Pennsylvania Farm Bureau Cooperative, which later merged with the Grange League Federation and Eastern States to form Agway Inc.

In 1967, Irwin renewed his ties with Penn State as an employee of the Cooperative Extension Service in Lancaster County. For the past six years, he has served as the

county extension director.

Irwin, who describes himself as an educator, is well-known among cooperative circles for his dedication to farm youth. He is the founder of the Pennsylvania Association of Farmer Cooperatives Summer Youth Institute, which began 26 years ago.

Irwin has participated in each Summer Institute since the program's inception. PAFC has recognized his work with the following awards: Master Educator Award, 1971; Service to Youth Award, 1981; and 25 Years of Service Award, 1985.

Other awards to his credit include the United States Department of Agriculture Distinguished Service Award, 1985, and the National Association of County Agricultural Agents Distinguished Service Award, 1987.

In addition to co-op activities, Irwin is a member of the Lancaster County Chamber of Commerce, the state and national County Agricultural Agents Associations, the Lancaster County Rotary Club and the Lancaster County Poultry Board of Directors.

He and his wife, Betty, reside in Lancaster.

PFA Presents Awards, Sets Policy Recommendations At Annual Meeting

BY LISA RISSER

HERSHEY—It may be hard for farmers to view encroaching development as anything other than menacing, yet that's exactly what Mather Mellott, president of Mell Laboratory, asked of seminar attendees on Monday.

Mellott spoke on agricultural synergism at the 37th Annual PFA meeting, which ran Monday through Wednesday at Hershey Lodge and Convention Center.

According to Mellott, the growing population should be regarded as a resource. They provide a market for products and are a good source of energy — or rather their burnable waste is.

"Burnables, such as glass, plastics, and metals, could be hauled from New York City, Baltimore, and Washington D.C. to Pennsylvania for energy," he said. "The

burnables would be used to produce steam."

This steam could supply the energy needs for other businesses.

(Turn to Page A24)

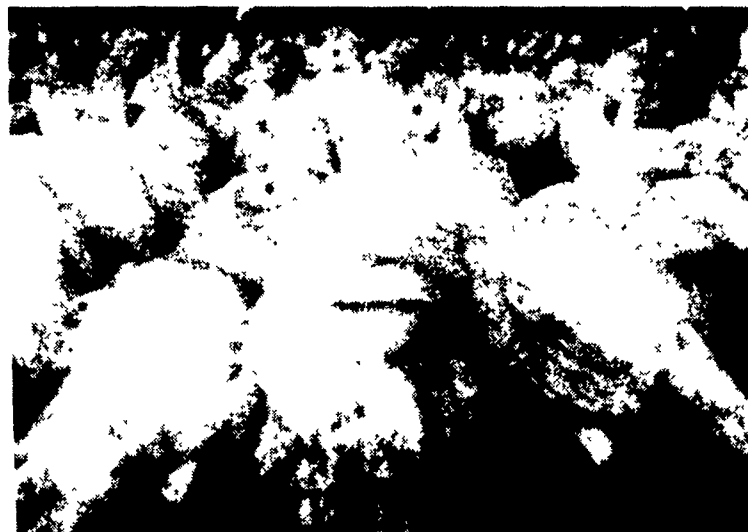
York County Annual DHIA Banquet

YORK — Several hundred York County farmers and their families gathered Wednesday night at the county's annual DHIA banquet.

John Brockett, Penn State economist, was the evening's featured speaker. He predicted that by

1995, there will be 40 percent fewer farms. The continuing surplus of milk, the changing lifestyle of our urban population, and the advent of growth hormones that increase production are several of the things on which he based his prediction.

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These Meadowbrook Farms' turkeys will provide Thanksgiving dinners for about 5,000 York residents.

According to the owner Skip Fritz, per capita consumption of turkey has doubled in the past few years.

To learn more about turkey growing, read page B10.

Penn Dell's 'Glenna' Named Grand Champion At NAILE National Guernsey Show



Penn Dell Vesuvius Glenna, of Penn Dell Farms at Willow Street, was named the grand champion of the National Guernsey Show. Glenna topped over 400 competitors in the show held as part of the North American International Livestock Exposition held in Louisville, KY this week.

BY PAT PURCELL

LAMPETER — Thanks to the Witmers of Willow Street the Lancaster County Breeders Association had much to celebrate at their annual gathering in Lampeter Tuesday evening.

Penn Dell Vesuvius Glenna was named the grand champion female at the National Guernsey Show held at the North American International Livestock Exposition in Louisville, Kentucky this week. Glenna topped more than 400 competitors which exemplified the best of the Guernsey breed on the

North American continent.

Raymond, Louise and their son, Peter, exhibited Glenna into the grand champion ring in September at the Guernsey Show held in conjunction with Pennsylvania All-American. They were hoping Glenna would earn a placing at the national show. The grand champion honors were a pleasant surprise.

Raymond told the Lancaster County breeders that he was proud to be able to represent them all at NAILE. Witmer said he felt that

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Holiday Deadlines

The office of Lancaster Farming will be closed on Thursday, Nov. 26 in observance of Thanksgiving. Deadlines for the November 28 issue are as follows:

Mailbox Market Ads - noon Monday.
Public Sale Ads - 5 p.m.

Monday.
General News - noon Wednesday.
Classified Section B Ads - 5 p.m. Tuesday.
All other classified Ads - 9 a.m. Wednesday.
Late-breaking news - 8 a.m. Friday.

Livestock market and auction news

Lancaster Market

Monday, Nov. 16

Report Supplied by USDA

Cattle Calves Hogs Sheep Goats

Monday's Receipts

910 117 493 671 770

Monday's Auction

869 119 436 654 693

Last Monday's Auction

1069 147 482 522 319

Last Year's Auction

1184 180 693 573 297

CATTLE: SLAUGHTER STEERS 1.00 LOWER WITH LATE SALES 1.00-1.50 LOWER; SLAUGHTER HEIFERS .50-1.00 HIGHER; COWS 1.00 HIGHER, INSTANCES 2.00 HIGHER; BULLOCKS SCARCE, FEW SALES 1.00 HIGHER; BULLS 1.00-1.50 HIGHER. SUPPLY INCLUDED 54% SLAUGHTER STEERS, 20% HEIFERS, 17% COWS, AND 9% BULLS.

SLAUGHTER STEERS: FEW MIXED CHOICE AND PRIME 2-4 1240-1400 LB. 66.00-67.25; CHOICE 2 1175-1425 LB. 66.50-68.25; CHOICE 2-3 FEW 4 1100-1400 LB. 64.50-67.00; CHOICE 3-4 1400-1535 LB. 63.00-65.75; HIGH GOOD AND LOW CHOICE 1050-1425 LB. 62.50-65.25; FEW GOOD 2-3 59.25-63.00; GOOD AND CHOICE 1250-1630 LB. HOLSTEINS 57.50-61.50.

SLAUGHTER HEIFERS: CHOICE 2-3 950-1250 LB. 61.00-65.00, FEW CHOICE 2 65.00-66.25; GOOD 2-3 900-1150 LB. 58.00-61.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 BULK 45.00-48.50, HI DRESSING 49.00-50.25; COMMERCIAL 3-4 BULK 42.50-45.00; CUTTER AND BONING UTILITY 1-3 LO DRESSING 41.50-43.00, BULK 43.00-47.50, HI DRESSING 47.50-48.00; CANNER AND LOW CUTTER LOW DRESSING 38.00-40.00, BULK 40.00-41.00.

BULLOCKS: CHOICE 2-3 1150-1325 LB. 60.00-62.00, COUPLE 63.00-66.00; GOOD 1-3 1050-1325 LB. 54.50-59.50.

BULLS: YIELD GRADE 1 1350-1950 LB. 58.50-62.50, SEVERAL 63.00-65.50; YIELD GRADE 2 1000-1450 LB. 53.00-58.50.

VEAL CALVES: VEALERS FIRM TO 5.00 HIGHER. DEMAND GOOD FOR HOLSTEN BULLS TO RETURN TO FARM.

VEALERS: FEW HIGH CHOICE AND PRIME 240-325 LB. 105.00-115.00; CHOICE 140-320 LB. 90.00-105.00; HIGH GOOD AND LOW CHOICE 140-325 LB. 70.00-90.00, 80-115 LB. 80.00-90.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 100.00-120.00. HOGS: BARROWS AND GILTS WEAK TO .25 LOWER THAN LAST MONDAY; SOWS .50-1.00 LOWER, INSTANCES 2.00 LOWER ON WEIGHTS OVER 500 LB.

BARROWS AND GILTS: US 1-2 210-245 LB. 41.50-42.50; US 1 210-245 LB. 42.75-44.75; US 1-3 215-255 LB. 40.50-41.25, 200-210 LB. 36.50-39.00; US 2-4 220-260 LB. 39.75-40.50

SOWS: US 1-3 300-600 LB. 33.00-36.50.

SHEEP: WOOLED LAMBS UNEVEN, EARLY SALES FULLY STEADY, LATER TRADING 5.00-8.00 LOWER; SLAUGHTER EWES STEADY.

WOOLED LAMBS: CHOICE AND PRIME 80-110 LB. 70.00-78.00, LATE TRADING 60.00-66.00; HIGH GOOD AND LOW CHOICE 75-105 LB. 66.00-70.00, LATER TRADING 60.00-65.00.

SLAUGHTER EWES: UTILITY AND GOOD 20.00-30.00, WITH YEARLINGS AND TWO-YEAR OLDS 30.00-50.00.

GOATS: ALL GOATS SOLD BY THE HEAD.

BILLIES: LARGE 55.00-70.00,

Vintage Cattle

Tuesday, Nov. 17

Report Supplied by USDA

Cattle Calves Sheep Goats

Today

876 911 21 0

Last Tues.

843 869 12 0

Last Year

923 858 8 3

CATTLE: SLAUGHTER STEERS UNEVEN, CHOICE AND PRIME 2-3 1.00 HIGHER INSTANCES 1.50 HIGHER, GOOD AND CHOICE 2-4 FIRM TO .50 HIGHER; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS MOSTLY STEADY; BULLS NOT FULLY TESTED. SUPPLY INCLUDED 50 PERCENT SLAUGHTER STEERS AND 44 PERCENT COWS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1050-1440 LB. 67.25-68.75, 15 HEAD CHOICE AND PRIME 2-3 69.00-70.10; GOOD AND CHOICE 1-2 1050-1325 LB. 67.50-68.50; CHOICE 2-3 FEW 4 1050-1425 LB. 64.75-67.25, COUPLE LOTS 1425-1550 LB. 64.50-65.00; HIGH GOOD AND LOW CHOICE 2-3 1000-1425 LB. 62.50-65.60; FEW GOOD 2-3 60.75-63.50.

SLAUGHTER HEIFERS: FEW CHOICE 2-3 1000-1130 LB. 60.85-63.75. COWS: BREAKING UTILITY AND COMMERCIAL 2-4 BULK 44.00-48.00; HI DRESSING 48.25-50.50; COMMERCIAL 3-4 BULK 43.00-44.00; CUTTER AND BONING UTILITY 1-3 LO DRESSING 42.00-43.50, BULK 43.50-47.00, HI DRESSING 47.50-48.00; CANNER AND LOW CUTTER LO DRESSING 36.00-39.00, BULK 39.50-41.50

BULLS: COUPLE YIELD GRADE 1 1880-2000 LB. 56.85-57.00, INDIVIDUAL HIGH DRESSING 1800 LB. 66.00, FEW YIELD GRADE 2 1350-2000 LB. 52.50-55.00.

VEAL CALVES: VEALERS MOSTLY STEADY, ALTHOUGH CHOICE AND PRIME NOT TESTED. SUPPLY INCLUDED 630 IN GRADED SALE OF WHICH 76 PERCENT SOLD TO RETURN TO FARM.

VEALERS: COUPLE CHOICE 270-315 LB. 87.00-91.00; HIGH GOOD AND LOW CHOICE 125-280 LB. 75.00-85.00, 80-110 LB. 83.00-90.00; STANDARD AND LOW GOOD 70-105 LB. 70.00-80.00.

RETURNED TO FARM: 55 HEAD 90-115 LB. HOLSTEIN HEIFERS 146.00-160.00 AND 25 HEAD 80-85 LB. 124.00; 30 HEAD 120-125 LB. HOLSTEIN BULLS 115.00-117.00, 225 HEAD

MEDIUM 35.00-50.00, SMALL 15.00-35.00.

NANNIES: LARGE 40.00-50.00, MEDIUM 30.00-40.00, SMALL 15.00-30.00.

Lancaster Auction

Wednesday, Nov. 18

Report Supplied by USDA

Cattle Calves Hogs Sheep Goats

Wednesday's Receipts

110 19 420 29 9

Wednesday's Auction

63 15 182 0 0

Last Wed.'s Auction

147 16 250 0 0

Last Year's Auction

50 7 382 8 0

CATTLE: INSUFFICIENT VOLUME OF ANY ONE CLASS FOR A MARKET TEST; FEW SALES STEADY.

SLAUGHTER STEERS: ONE LOT CHOICE 2-3 1130-1250 LB. 63.75-65.50; ONE LOT CHOICE 1355-1450 LB. HOLSTEINS 62.00-64.00, FEW GOOD 1185-1195 LB. 53.00-58.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 42.75-46.50; CUTTER AND BONING UTILITY 1-3 41.25-44.75; CANNER AND LOW CUTTER 37.50-40.75.

VEAL CALVES: MARKET NOT TESTED.

HOGS: BARROWS AND GILTS FIRM, INSTANCES .50 HIGHER; SOWS STEADY TO 1.00 LOWER.

BARROWS AND GILTS: US 1-2 210-250 LB. 42.00-42.75; US 1 215-245 LB. 42.75-44.00; US 1-3 210-250 LB. 41.00-41.75; US 2-4 220-255 LB. 40.00-41.00, 255-270 LB. 36.00-39.50.

SOWS: US 1-3 300-650 LB. 32.00-35.00, FEW 500-650 LB. 35.00-35.75.

SHEEP: NO MARKET TEST. GOATS: NO MARKET TEST.

90-115 LB. 124.00-126.00, AND 15 HEAD 80-85 LB. 109.00; 110 HEAD 100-115 LB. SMALL FRAME 101.00-111.00 AND 30 HEAD 90-96 LBS. 88.00-89.00.

SHEEP: INSUFFICIENT VOLUME TO TEST TRENDS; FEW GOOD TO LOW CHOICE 65-110 LB. WOOLED LAMBS 55.00-65.00.

GOATS: NO MARKET TEST.

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SOME EXTRA
CASH!

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New Holland Livestock

New Holland, Pa.

Thursday, Nov. 19

Cattle Calves Sheep Goats

Today

1013 570 156 189

Last Thursday

790 649 83 38

Last Year

1077 714 117 118

CATTLE: SLAUGHTER STEERS FIRM TO .50 HIGHER; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS STEADY INSTANCES .50 LOWER; BULLOCKS STEADY ON SMALL SUPPLY; BULLS STEADY TO 1.00 LOWER. SUPPLY INCLUDED 47% SLAUGHTER STEERS AND 42% COWS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1175-1450 LB. 68.25-69.50; CHOICE 2-3 1250-1550 LB. 69.00-69.75, FEW HEAD 70.00-70.75; CHOICE 2-3, FEW 4 1040-1450 LB. 65.75-68.10; HIGH GOOD AND LOW CHOICE 2-3 1000-1425 LB. 63.00-66.00; FEW CHOICE AND PRIME 1380-1490 LB. HOLSTEINS 64.00-65.10; GOOD AND CHOICE 1150-1450 LB. 56.50-60.00, FEW STANDARD 54.00-55.50.

SLAUGHTER HEIFERS: CHOICE 2-3 1025-1300 LB. 60.75-65.25, COUPLE CHOICE 2 65.50-66.75.

COWS: BREAKING UTILITY AND COMM 2-4 BULK 45.50-48.50, HI DRESSING 48.50-49.50; CUTTER AND BONING UTILITY 1-3 LO DRESSING 41.75-43.00, BULK 43.00-46.50, HI DRESSING 46.50-47.50; CANNER AND LOW CUTTER LO DRESSING 37.00-39.50, BULK 39.50-41.75.

BULLOCKS: CHOICE 2-3 1100-1350 LB. 60.00-63.50; GOOD 1-2 1050-1350 LB. 55.50-60.00.

BULLS: YIELD GRADE 1 1500-2000 LB. 56.50-60.25; YIELD GRADE 2 1050-1600 LB. 53.50-57.50.

VEAL CALVES: VEALERS 3.00-5.00 LOWER, ALTHOUGH HIGH CHOICE

AND PRIME NOT TESTED. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: CHOICE 140-280 LB. 80.00-93.00, COUPLE 94.00-97.00; HIGH GOOD AND LOW CHOICE 140-340 LB. 72.00-83.00, 80-110 LB. 76.00-85.00, FEW 100-115 LB. 85.00-88.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 105.00-118.00, FEW 118.00-123.00; SEVERAL SMALL FRAME 90-110 LB. 85.00-105.00.

SHEEP: WOOLED LAMBS MOSTLY STEADY; SLAUGHTER EWES WEAK TO 4.00 LOWER

WOOLED LAMBS: CHOICE AND PRIME 70-110 LB. 66.00-72.00, FEW 50-75 LB. 73.00-88.00, COUPLE 35-55 LB. 104.00-122.00; GOOD 60-90 LB. 58.00-68.00.

SLAUGHTER EWES: UTILITY AND GOOD 20.00-35.00, FEW 16.00-20.00.

GOATS: ALL GOATS SOLD BY THE HEAD, LARGE 53.00-70.00, FEW 73.00-84.00; MEDIUM 32.00-52.00; SMALL 20.00-32.00.

Lancaster County Weekly

Friday, Nov. 20

Report Supplied by PDA

Cattle Calves

This Week 3300 1640

Last Week 3197 1642

Last Year 4314 1741

CATTLE: SLAUGHTER STEERS OPENED THE WEEK 1.00 TO 1.50 LOWER, BUT ADVANCED DURING WEEK TO CLOSE ABOUT STEADY; SL. HEIFERS .50 TO 1.00 HIGHER; COWS 1.00 HIGHER, INSTANCES AS MUCH AS 2.00 HIGHER; BULLOCKS FIRM TO 1.00 HIGHER; BULLS STEADY, INSTANCES 1.00 HIGHER. SUPPLY INCLUDED 41 PER CENT SL. STEERS, 7 PER CENT SL. HEIFERS, 31 PER CENT COWS, 4 PER CENT BULLS, BALANCE FEEDERS.

SLAUGHTER STEERS: HIGH CHOICE & PRIME 3-4 1130-1450 LBS. 67.25-69.50; CHOICE 2-3 1150-1550 LBS. 69.00-70.10; CHOICE 2-3 FEW 4 1040-1450 LBS. 65.50-68.10, SEVERAL EARLY PART OF WEEK 64.50-65.50; CHOICE 3-4 1400-1535 LBS. EARLY 63.00-65.75; HIGH GOOD & LOW CHOICE 2-3 1000-1450 LBS. 62.50-66.00, FEW GOOD 2-3 59.25-63.50; CHOICE & PRIME 1380-1490 LB. HOLSTEINS 64.00-65.10; GOOD & CHOICE 1150-1450 LBS. 57.50-62.50; FEW STANDARD & LOW GOOD 54.00-55.50.

SLAUGHTER HEIFERS: CHOICE 2-3 950-1250 LBS. 60.75-65.25, FEW CHOICE 2 65.50-66.75; GOOD 2-3 900-1150 LBS. 58.00-61.50.

COWS: BREAKING UTILITY & COMMERCIAL 2-4 45.00-48.50, HIGH DRESSING 48.50-50.50; COMMERCIAL 3-4 42.50-45.00; CUTTER & BONING UTILITY 1-3 41.50-47.50, HIGH DRESSING 47.50-48.00, CANNER & LOW CUTTER 39.50-41.75, LOW DRESSING 36.00-39.50.

BULLOCKS: CHOICE 2-3 1150-1350 LBS. 60.00-63.00, COUPLE 63.50-66.00, GOOD 1-2 1050-1325 LBS. 54.50-59.50.

BULLS: YG 1, 1400-2000 LBS. 56.50-62.50, FEW 62.50-65.50; YG 2, 1000-1550 LB. 53.00-58.50.

VEAL CALVES: VEALERS 3.00 TO 5.00 LOWER, ALTHOUGH HIGH CHOICE AND PRIME SCARCE.

VEAL CALVES: SLAUGHTER CALVES NOT TESTED, DEMAND GOOD FOR HOLSTEIN BULLS, FAIR FOR HOLSTEIN HEIFERS.

VEALERS: FEW HIGH CHOICE & PRIME 240-325 LBS. 105.00-115.00; CHOICE 140-315 LBS. 80.00-95.00, FEW EARLY 95.00-100.00; HIGH GOOD & LOW CHOICE 140-350 LBS. 70.00-90.00, 80-115 LBS. 76.00-85.00, SEVERAL EARLY 85.00-90.00; STANDARD & LOW GOOD 70-105 LBS. 70.00-78.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 105.00-126.00, SEVERAL SMALL FRAME 90-110 LBS. 85.00-111.00; FEW 90-115 LB. HOLSTEIN HEIFERS 146.00-160.00, WITH ONE LOT 80-85 LBS. 124.00.

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AUCTIONS

MONDAY

9:00 A.M. —Slaughter Bulls,

Heifers, Steers, Cows

10:00 A.M. —Goats, Veal Calves,

Lambs

12 Noon —Slaughter Hogs

WEDNESDAY

8:00 A.M. —Slaughter Hogs

10:00 A.M. —Slaughter Bulls,

Heifers, Steers, Cows

11:00 A.M. —Veal Calves, Lambs

FRIDAY

11:00 A.M. —Stocker and Feeder Cattle

SATURDAY

8:00 A.M. —Slaughter Hogs

Next Graded Feeder Cattle Sale

Fri., Dec. 11 - 11:00 A.M.

Graded Cattle sold in lots of 10 or more

NOTICE: No Hog Sale On Sat., Nov. 28

Sale Will Be Held On Mon., Nov. 30

LANCASTER STOCKYARDS, INC.

1147 Litz Pike Lancaster, Pennsylvania 17601

Serving The Community For 91 Years



VINTAGE SALES STABLES, INC.

Sale Every Tuesday

10:3

HOG MARKETS

New Holland Feeder Pigs

New Holland, PA
Wednesday, Nov. 18, 1987
Report Supplied by Auction

NEW HOLLAND SALES STABLE
WILL BE CLOSED THURSDAY,
NOVEMBER 26.

TODAY 1591
LAST WEDNESDAY 992
LAST YEAR 1080

TREND: COMPARED TO LAST
WEDNESDAY FEEDER PIGS WEA-
K TO 5.00 LOWER. ALL PIGS WEIGHED
ON ARRIVAL AND SOLD BY THE
HUNDRED WEIGHT.

US 1-2: 49 HD. 37-39 LBS.
99.00-104.00; 16 HD. 38 LBS. 80.00; 263
HD. 40-49 LBS. 79.00-97.00; 18 HD. 40
LBS. 102.00; 269 HD. 50-59 LBS.
77.00-82.00; 20 HD. 51 LBS. 90.00; 30
HD. 62-63 LBS. 73.00-79.00.

US 2: 117 HD. 40-49 LBS. 72.00-81.00;
31 HD. 48 TAILED 68.00; 74 HD. 50-59
LBS. 66.00-78.00; 55 HD. 64-67 LBS.
64.00-68.00.

US 2-3: 121 HD. 40-49 LBS.
67.00-74.00; 108 HD. 50-60 LBS.
62.00-66.00.

SLAUGHTER: 7 HD. 16 LBS. 170.00;
58 HD. 21-25 LBS. 118.00-150.00; 103
HD. 30-35 LBS. 75.00-95.00; 69 HD.
45-72 LBS. 57.00-64.00.

Lancaster Hogs

Lancaster Stockyards
Sat., Nov. 14, 1987

Report supplied by auction

778 HEAD.

US #1 210-250 LBS. 44.00-45.75.

US 1&2: 200-255 LBS. 42.75-43.75.

US 1&3: 200-260 LBS. 41.50-42.50.

US 2&4: 215-260 LBS. 40.00-41.25.

100 HEAD HEAVYWEIGHT 260-285
LBS. 36.00-40.00.

SOWS: 33.00-37.25 ALL WEIGHT.

BOARS: UNDER 300 32.00-36.00,
OVER 300 28.00-29.75.

Midwest Flashes

Thurs., Nov. 19, 1987

Indianapolis Hogs

700- BARROWS & GILTS MOD-
ERATELY ACTIVE, .50-.75 LOWER.

US 1-3 225-250 LB. 41.00-41.50.

SOWS: MODERATELY ACTIVE,
STEADY TO 2.00 LOWER. (4%).

US 1-3 400-575 LB. 33.50-36.00;

650-700 LB. 38.00-40.00.

BOARS: OVER 400 LB 37.00, LOT
255 LB 35.00

Peoria Hogs

2500- BARROWS & GILTS SLOW, .50
TO MOSTLY 1.00 LOWER

US 1-3 200-240 LB 40.50-41.00, 200

HEAD 41.25-41.50

US 2-3 230-250 LB. 39.50-40.50.

SOWS: 1.00-1.50 LOWER W/THE
BULK OF WEDNESDAY'S SALES
(13%).

US 1-2 325-500 LB 34.00-34.50;
500-650 LB. MOSTLY 35.00, FEW 35.50

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, Nov. 16, 1987

Report Supplied by Auction

NEW HOLLAND SALES STABLE
WILL BE CLOSED ON THURSDAY,
NOVEMBER 26.

TODAY 1199
LAST MONDAY 995
LAST YEAR 782

TREND: COMPARED TO LAST
MONDAY BARROWS AND GILTS
WEAK TO MOSTLY .50 LOWER.

BARROWS AND GILTS: US 1-2
210-250 LB. 40.50-41.50, COUPLE LOTS
42.50-42.75. US 1 ONE LOT 225 LB.
44.00. US 1-3 200-250 LB. 39.50-40.50.
US 2-4 ONE LOT 255 LB. 38.50.

Carlisle Livestock

Graded Feeder Pig Sale
Carlisle, Pa.

Friday, Nov. 13, 1987

RESULTS ON 1492 PIGS. TREND:
COMPARED TO OCTOBER'S STATE
GRADED SALE 40 LB. PIGS WERE 8.00
TO 15.00 LOWER WHILE PIGS OVER
50 LBS. WERE MOSTLY STEADY TO
SPOTS 5.00 HIGHER.

US NO. 1&2'S: 611 HD. 101 HD. 35-49
LBS. 90.00-104.00; 180 HD. 50-59 LBS.
90.00-107.00; 69 HD. 60-69 LBS.
78.00-88.00; 190 HD. 72-79 LBS.
78.00-84.00; 55 HD. 80-81 LBS.
79.00-82.00; 16 HD. 96-103 LBS.
57.00-65.00.

US NO. 2'S: 660 HD. 98 HD. 22-39
LBS. 80.00-102.00; 264 HD. 40-49 LBS.
83.00-102.00; 53 HD. 50-59 LBS.
90.00-100.00; 159 HD. 60-69 LBS.
77.00-93.00; 67 HD. 71-85 LBS.
67.00-74.00; 19 HD. 90-110 LBS.
50.00-64.00.

US NO. 2&3'S: 144 HD. 66 HD. 25-36
LBS. 76.00-84.00; 58 HD. 42-57 LBS.
74.00-82.00; 20 HD. 70-94 LBS.
48.00-54.00.

UTILITIES: 26 HD. 26-50 LBS.
52.50-75.00.

AS IS: 58 HD. 28-76 LBS. 43.00-45.00.
NEXT STATE GRADED FEEDER PIG
SALE WILL BE ON FRIDAY, DECEM-
BER 11TH AT 1:30 P.M.

(GRADING 7:30 UNTIL 11:30 A.M.)

St. Louis Hogs

4000- BARROWS & GILTS MOD-
ERATELY ACTIVE, .50-.75 LOWER

US 1-3 210-250 LB 40.50-41.00, 70
HEAD 41.25

US 2-3 250-270 LB 39.50-40.50.

SOWS: 300-500 LB. STEADY-.50
HIGHER; OVER 500 LB. STEADY-2.00
LOWER. (8%)

US 1-2 300-500 LB 34.50 TO MOST
LY 35.00, 500-600 LB. 35.00-36.00,
OVER 600 LB. 37.00-37.50

BOARS: OVER 300 LB. 37.50,
UNDER 300 LB. 36.00.

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Nov. 13 through Thursday, Nov. 19)

CORN

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	182½	183	186	185½	185½
MAR 88	188½	190	192½	191½	191½
MAY	193½	195	197½	195½	185½
JULY	197½	198½	200½	199½	199½
SEPT.	196½	195½	197½	197½	196½
DEC. 88	194½	194½	196	195½	194½

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
NOV.	563½	558½	564½	567½	
JAN 88	569½	566½	574	570½	578½
MAR.	577½	574½	581½	577½	585½
MAY	580½	578½	586½	581½	589½
JULY	583½	581½	588½	584½	590½
AUG.	581	579	585½	5.81	587
SEPT.	572½	569½	579	5.76½	578½

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	63.55	63.80	65.30	65.90	66.17
FEB 88	59.95	60.52	62.02	62.75	62.72
APR.	62.62	62.92	64.42	64.72	64.50
JUNE	62.87	63.32	64.55	64.65	64.42
AUG.	61.25	61.65	62.35	62.42	62.32



FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

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Farmers' Association Farm Management Services. For additional market
comments and trading service contact PFA Commodity Futures Service
(717) 761-2740

ACRES CORN UPDATE:
Corn futures closed from
unchanged to 1-1/2 cents lower
with late selling influenced by liq-
uidation in the soybean pit.
Declines were limited by hopes for
export business with South Korea.
Stepped up cash movement on
higher prices overnight pressured
corn throughout the session as well
as ideas Gramm-Rudman could go
into effect on Friday. Generic cer-
tificates were bid today from 105
to 105-1/2%.

**ACRES SOYBEAN
UPDATE:** Soybean futures prices
settled mostly lower late in the ses-
sion by on selling believed to be
long liquidation. Ideas of further
USDA announcements concern-
ing USSR proved to be supportive.
The weakening soymeal and large

volume of CCC Resales pressured
prices as well as strong delivery
notices. Generally, beans closed at
key support levels with the January
option posting a 3-1/4 cent loss at
\$5.70-3/4 and March closing 4
cents lower at \$5.77-1/2. Spot
November expired at noon today
posting a gain of 3-1/4 cents at
\$5.67-3/4, with strength tied to
strong commercial stopping of
heavy notices this morning.

ACRES WHEAT UPDATE:
Wheat futures settled mixed with
the nearbys posting gains against
losses in the back months. Nearby
support stemmed from hopes that
China would soon purchase mostly
soft red wheat under the export
bonus program and ongoing con-
trovery in Washington over the
CCC sales of wheat at Auction.

WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	285½	287½	293½	295½	293
MAR 88	297½	298½	304½	305½	302½
MAY	298	298½	305	302½	298
JULY	285	287	292	290½	285½
SEPT.	289	293	296½	294½	289½

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	202.70	200.40	200.30	197.80	202.20
JAN 88	194.70	192.50	192.60	190.80	195.20
MAR	187.20	184.60	185.70	184.30	187.70
MAY	181.00	179.00	179.50	178.30	181.70
JULY	177.70	176.00	176.00	175.20	177.70
AUG.	176.70	175.20	175.20	174.70	177.00
SEPT.	177.00	175.00	174.50	174.50	176.00

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	43.50	43.57	44.70	44.05	43.77
FEB 88	42.27	42.65	43.65	42.97	42.75
APR.	38.97	39.45	39.82	39.27	39.27
JUNE	42.12	42.30	42.67	42.25	42.25
JULY	42.30	42.40	43.00	42.80	42.62
AUG.	41.20	41.37	42.00	41.70	41.55

Pressure late in the session came
from liquidation in the soybean pit
and ideas that the budget proposals
would not be ready by Friday and
Gramm-Rudman cuts would be
implemented. December closed at
\$2.95-1/2 up 2-1/4 cents while the
May option closed at \$3.02-3/4,
down 2-1/4 cents.

ACRES CATTLE UPDATE:
Live and feeder cattle futures
closed mostly higher supported by
follow through from yesterday's
strong closes and reports of strong
fed cattle trade at high prices yester-
day. Rumors of \$69.00 steers
fueled buying after prices began to
deteriorate at noon on spillover
weakness from the pork complex.
Higher average cash prices pro-
vided further support. November
closed 20 points lower on its pre-
mium to cash before its expiration
tomorrow at noon.
CME FEEDER CATTLE SET-
TLEMENT PRICE: 11/16/87
\$74.50 UP \$.21

(Turn to Page A18)

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marketing days — Give us a call for advice and marketing
conditions.

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Give us a call whether you are buying or selling

Graded Feeder Cattle Sale
Fri., Dec. 11 at 11:00 A.M.

NOTICE: No Hog Sale On Sat., Nov. 28
Sale Will Be Held On Mon., Nov. 30

Walter M. Dunlap and Sons

Lancaster Stockyards

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With The Times



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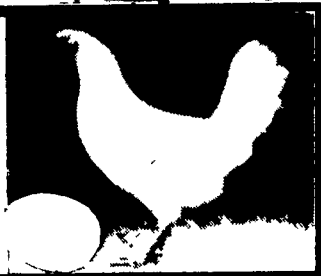
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POULTRY MARKETS



Heinsey's Poultry

Roots, East Petersburg
Tuesday, November 17, 1987
MUSCOVY DUCKS, DRAKES
RANGE .52-.64.
HENS .34-.52.
PEKING DUCKS .14-.24.
PULLETS 5-8# .40-.64.
RED FOWL: 4-4.5# .14-.28; 5-6# .30-.48.
CROSSBRED ROOSTERS: 4-6# .20-.62; 7-11# .30-.64.
CROSSBRED FOWL: 5-9# .20-.42.
BANTY ROOSTERS 1.50-4.00 EA.
BANTY HENS .50-1.50 EA.
GUINEA PIGS .50-4.00 EA.
GOATS 40.00-69.00 EA.
GUINEA FOWL 1.30-1.55.
GEESE 8-14# .20-.52.
PIGEONS 1.10-1.50 EA.
WHITE PIGEONS 2.85-3.25 EA.
RABBITS: 4-6# 1.00-1.26; 7-11# .90-1.08.
CAPONS 10-12# .62-.88.
LEGHORN HENS 2-8.
BUNNIES .75-2.00 EA.
DOVES 1.50-2.75 EA.
CHUCKERS 3.50-4.10 EA.

SILKIES 4.00-5.85 EA.
TOTAL COOPS SOLD 1,046.

NY & Phila. Frozen Eggs

Tuesday, November 17, 1987
NEW YORK AND PHILADELPHIA
FROZEN EGG REPORT: BUYING
INTEREST WAS SPOTTY. TRADE
SENTIMENT WAS UNEASY. RAW
MATERIALS WERE READILY AVAIL-
ABLE BUT BREAKERS WERE DISIN-
TERESTED AS SEVERAL PLANNED
ON WORKING ONLY THREE DAYS
NEXT WEEK. FLOOR STOCKS WERE
FULLY SUFFICIENT TO HANDLE
PRESENT BUYER NEEDS.
WHOLESALE SELLING PRICES
(PER POUND IN 30 LB. CONTAINERS)
U.S.D.A. INSPECTED CLASS TRUCK-
LOTS LTL (MIN. 25 CONT.) WHOLE
42-45 MOSTLY 43-44 46-52 BLENDS (J)
- 54-64 WHITES 26-28 MOSTLY 26-27
29-35 YOLKS (MIN. 43% SOLIDS)
SUGARED 65-67 MOSTLY 65-66 68-73
SALTED 60-62 MOSTLY 60-61 -
(J)-WHOLE PLUS YOLK PLUS
SWEETENER, GENERALLY 28-32%
EGG SOLIDS.

Eastern Pennsylvania and New Jersey

Wednesday, Nov. 18

Report Supplied by USDA

MARKET COMMENT: THE
MARKET TONE WAS GENERALLY
WEAK. OFFERINGS INCREASED
WITH SOME BOOKINGS EXTENDING
INTO MID-DECEMBER. PLANT SCHED-
ULES WERE FILLING IN EASILY
FOR THE UPCOMING WEEK. PROCESSED
MEAT SALES WERE SLOW
TO FAIR. FILLERS PREPARED TO
ADJUST PRICES IN LINE WITH LOW-
ER COSTS TO STIMULATE
MOVEMENT.

PRICES PAID AT FARM:
LIGHT TYPE HENS: .10-.15, MOST-
LY .10-.12.

Philadelphia Eggs

Thursday, Nov. 19

Report Supplied by USDA

MARKET COMMENT: PRICES
WERE UNCHANGED TO LOWER.
TRADE SENTIMENT WAS BARELY
STEADY TO WEAKEST ON MEDIUMS.
CARTONED EGG DEMAND CON-
TINUED TO SHOW SIGNS OF
IMPROVEMENT AND RANGED SLOW
TO GOOD, MOSTLY MODERATE.
SUPPLIES OF MEDIUMS WERE PLEN-
TIFUL WHILE LARGE AND EXTRA
LARGE WERE AMPLE.

PRICES TO RETAILERS: SALES TO
VOLUME BUYERS, CONSUMER
GRADES WHITE EGGS IN CARTONS
DELIVERED STORE DOOR:
A EXTRA LARGE .56-.65%; A
LARGE .54-.63%; A MEDIUM .46-.57%.

Northeast Chicken Parts

Thursday, Nov. 19, 1987

COMMENT: BUYING INTEREST
WAS LIMITED AND UNAGGRESSIVE
AS PARTS TAKE A BACK SEAT TO
HOLIDAY ITEMS. CUTLETS WERE
OCCASIONALLY IN BALANCE, BUT
OVERALL THE SUPPLY HAS
INCREASED, AND ADDITIONAL PRO-
DUCT WAS TOUGH TO MOVE. LINE-
RUN BREASTS WERE MORE THAN
AMPLE FOR IMMEDIATE NEEDS,
AND SOME SALES WERE EVEN
NOTED BELOW TODAY'S PRICE
LEVELS. RIB BREASTS WERE IN LIM-
BO AND GENERALLY FOLLOWING
THE TREND OF LINE-RUN BREASTS.
LEGS AND LEG QUARTERS WERE
AMPLE TO OCCASIONALLY BUR-
DENSOME WITH DISCOUNTING
STILL NOTED FOR PROMPT SHIP-
MENT; HOWEVER, SOME ADVANCE
INQUIRY WAS NOTED ON LEG
QUARTERS. WINGS WERE CLEAR-
ING WELL, BUT THE DEMAND WAS
NOT AS AGGRESSIVE. LIVERS WERE
AMPLE, AND GIZZARDS WERE
UNAVAILABLE REGARDLESS OF
TYPE.

BREASTS, SKINNED, BONELESS
1.70.
RIB-ON-BREASTS .82-.83.
LINE RUN BREASTS .78-.80
LEGS .26-.27.
LEG QUARTERS .18-.19.
WINGS .39-.40.
BACKS AND NECKS .11-.12.
LIVERS .25.
GIZZARDS (HEARTS) .55-.60.

Weekly New York Egg Market Northeast Quotes

From Friday, Nov. 13 to Thursday, Nov. 19

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.69	.69	.66	.64	.62
EX. LARGE	.68	.68	.65	.63	.61
LARGE	.67	.67	.64	.62	.60
MEDIUM	.62	.62	.59	.56	.52
PULLETS	.51	.51	.48	.45	.41
OFF GRADE	.55	.55	.52	.50	.48
BROWN					
EX. LARGE	.76	.76	.74	.74	.71
LARGE	.71	.71	.69	.69	.66
MEDIUMS	.62	.62	.60	.60	.58
OFF GRADE					
UNDERGRADES					
AND CHECKS	.26	.26	.23	.22	.20

BREAKING STOCKS: FRIDAY 48-50 LBS. 34.00-35.00, 50 LBS. UP 35.00-36.00; TUESDAY 48-50 LBS. 31.00-33.00; 50 LBS. UP 33.00-34.00; WEDNESDAY 48-50 LBS. 30.00-31.00; 50 LBS. UP 31.00-32.00; THURSDAY 48-50 LBS. 28.00-29.00; 50 LBS. UP 29.00-30.00.

N.E. Weekly Shell Egg Report

Tuesday, NOV. 17

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS
DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	.79-.83	.78-.82	.66-.70	.46-.50
MOSTLY	.81-.82	.80-.81	.68-.69	.48-.49
R.I.	.82-.86	.81-.85	.69-.73	.49-.53
MOSTLY	.82	.81	.69	.49
VERMONT	.93-.95	.89-.91	.75-.79	
MOSTLY	.95	.90	.78	
MAINE	.86-.93	.85-.92	.73-.80	.53-.60

Delmarva Broiler/Fryer & NY Multiple Drop

Thursday, November 19, 1987

DEMAND FOR READY-TO-COOK
WHOLE BIRDS WAS VERY LIGHT.
OFFERINGS RANGED IN FAIRLY
GOOD BALANCE TO READILY
AVAILABLE WITH BUYERS SHOW-
ING NO INTEREST AT MOST POINTS.
MOVEMENT IN THE PARTS COM-
PLEX WAS SLUGGISH EXCEPT ON
GIZZARDS AND WINGS WHICH
CLEARED WELL. LESS THAN TRUCK-
LOT ASKING PRICES WERE GENER-
ALLY UNCHANGED BUT MOST
SELLERS NOTED DIFFICULTY IN
MAKING SALES AT 43 TO 53 CENTS.
SOME NEGOTIATIONS WERE NOTED
ON U.S. GRADE A TRUCKLOT VOL-
UME IN THE HIGH 30'S FOR DELIV-
ERY EARLY NEXT WEEK. LIVE SUP-
PLIES WERE AT LEAST MODERATE.
WEIGHTS WERE DESIRABLE TO
HEAVY. SLAUGHTER SCHEDULES
CONTINUED TO BE ADJUSTED AND
WERE VERY LIGHT IN TOTAL. THE
UNDERTONE REMAINED WEAK AND
UNSETTLED.

ESTIMATED SLAUGHTER OF
BROILER FRYERS IN DELMARVA
(000).

ESTIMATED ACTUAL ACTUAL
AVERAGE WEIGHTS 11/19 11/12 11/17
11/17 11/10 1,462 1,930 1,768 4.48 4.56.

NEW YORK MULTIPLE DROP
BROILER REPORT: CURRENT
BROILER/FRYER NEGOTIATED
PRICES FOR IMMEDIATE DELIVERY
INCLUDES MOSTLY MULTIPLE-
DROP SHIPMENTS OF BRANDED
AND WING TAGGED TO NEW YORK
CITY FROM DELMARVA BRANDED
U.S. GRADE A RANGE 41-53 WEIGHT-
ED AVERAGE 47.93 NO OF BOXES
6,965.

New England Shell Eggs

Wednesday, November 18, 1987

SHELL EGGS IN NEW ENGLAND:
PRICES TRENDED 2 TO 4 CENTS
LOWER ON LOOSE PACKED EGGS;
UNCHANGED ON CARTONED. THE
MARKET TONE WAS WEAK AND
UNSETTLED. MOVEMENT WAS
IRREGULAR, RANGING SLOW TO
GOOD WITH RETAIL AD ACTIVITY
STIMULATING DEMAND IN SPOTS.
SUPPLIES AND OFFERINGS WERE
ADEQUATE TO HEAVY FOR IMMEDI-
ATE TRADE NEEDS. INTERDEALER
TRADING CONTINUED TO BE
LIMITED.

PRICES PAID TO PRODUCERS FOR
LOOSE BROWN EGGS AT FARM,
CASES EXCHANGED, GRADE YIELD
BASIS, CENTS PER DOZEN: RANGE
JUMBO .72-.75; EX LARGE .51-.54;
LARGE .50-.53; MEDIUM .37-.40;
SMALL .17-.20.

BOSTON: PRICES TO RETAILERS -
SALES TO VOLUME BUYERS, CON-
SUMER GRADE BROWN EGGS IN
CARTONS DELIVERED STORE DOOR:
RANGE A EXTRA LARGE .72-.74; A
LARGE .71-.73; A MEDIUM .59-.61.

National Egg Market

Tuesday, November 17, 1987

NATIONAL EGG MARKET - AT A
GLANCE:

PRICES IN THE MID-ATLANTIC
WERE UNCHANGED TO LOWER,
UNCHANGED ELSEWHERE. THE
MARKET TONE WAS UNSETTLED ON
THE WEST COAST AND IN PARTS OF
THE MIDWEST, BARELY STEADY TO
WEAK IN OTHER AREAS. RETAIL
DEMAND FOR CARTONED EGGS
WAS DISAPPOINTEDLY IRREGULAR
AND COVERED THE FULL RANGE;
HOWEVER, MOST REGIONS HAD
BEST MOVEMENT WHERE RETAIL
FEATURES WERE IN PROGRESS.
FLOOR STOCKS AND OFFERINGS
WERE PLENTIFUL IN ALL AREAS
WITH SURPLUS OBTAINABLE AT
INCREASINGLY COMPETITIVE
PRICES. MOVEMENT OF RAW
MATERIALS INTO BREAKING CHAN-
NELS WAS UNAGGRESSIVE EVEN
AS COSTS DECLINED.

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Robert G. Campbell, Publisher

Everett R. Newswanger, Managing Editor

Patricia S. Purcell, Staff Writer

Lou Ann Good, Staff Writer

Lisa Hamm, Staff Writer

NEWS CORRESPONDENTS

Sally B. Blair, Lancaster County

Columbia 717-285-4926

Joyce Bupp, York County

Seven Valleys 717-428-1865

Kathy Gill, Cumberland

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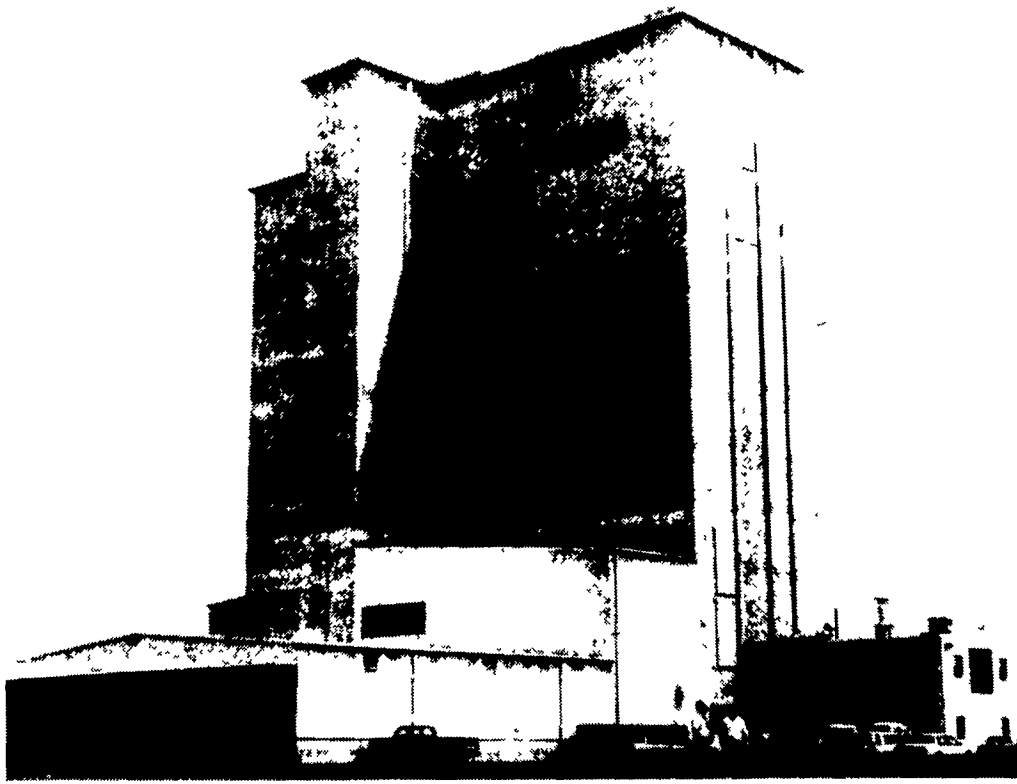
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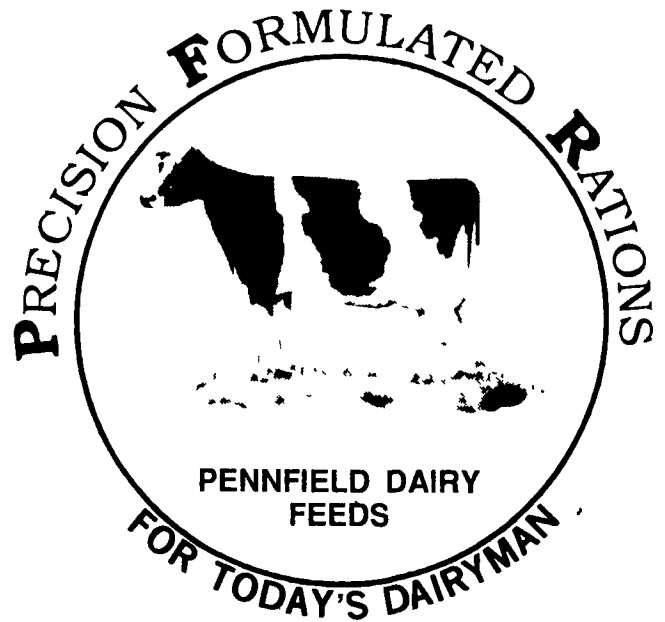
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- + Feed quality guaranteed.

#508 16% Golden Flake	#515 16% Textured Dairy	#519 20% Dairy Pellet	#533 Pellet 32% Dairy Conc.	#538 Meal 38% Dairy Conc.	#528 Pellet 28% Hi-Yield Conc. Fat Added/Buffers
\$145.91 Net/Ton	\$150.09 Net/Ton	\$169.10 Net/Ton	\$240.36 Net/Ton	\$269.30 Net/Ton	\$257.79 Net/Ton

Includes 8 ton volume discount and cash discount of 2½ % due 15th following month.

Prices effective Nov. 23, 1987 and subject to change with grain markets. Deduct additional \$3.00 per ton if paid in 10 days.

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HAY MARKETS



Pa. Grain

Monday, Nov. 16, 1987

Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: CORN STEADY TO .03 HIGHER; WHEAT MOSTLY STEADY TO .04 HIGHER; BARLEY STEADY TO .06 LOWER; OATS STEADY TO .06 HIGHER; SOYBEANS STEADY TO .04, SPOTS .12 HIGHER, OLD EAR CORN STEADY TO STRONG, NEW EAR CORN STEADY TO \$2 LOWER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 1.90-2.25, AVERAGE 2.07; @WHEAT NO. 2 RANGE 2.70-3.15, AVERAGE 2.93, *CONTRACT FOR HARVEST 2.95-3.05, BARLEY NO. 3 RANGE 1.40-1.85, AVERAGE 1.58; OATS NO. 2 RANGE 1.70-2.15, FEW REPORTED 1.55, AVERAGE 1.82; SOYBEANS NO. 1 RANGE 5.10-5.65, AVERAGE 5.42, *GR. SORGHUM #2 RANGE 1.75, AVERAGE 1.75, OLD EAR CORN RANGE 54.00-65.00, AVERAGE 57.43; **NEW EAR CORN RANGE 39.00-58.00, AVERAGE 47.64

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 1.85-2.10, FEW REPORTED 2.15, AVERAGE 1.98, @WHEAT NO. 2 RANGE 2.35-2.95, AVERAGE 2.60, BARLEY NO. 3 RANGE 1.20-1.35, FEW REPORTED

1.50, AVERAGE 1.31; OATS NO. 2 RANGE 1.50-1.85, FEW REPORTED 2.05, AVERAGE 1.65, SOYBEANS NO. 1 RANGE 5.05-5.35, AVERAGE 5.25; *BUCKWHEAT RANGE 8.00-9.00, AVERAGE 8.50, OLD EAR CORN RANGE 50.00-60.00, AVERAGE 53.60, **NEW EAR CORN RANGE 41.00-50.00, AVERAGE 44.43

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 1.80-2.20, AVERAGE 2.02, @WHEAT NO. 2 2.25-2.90 AVERAGE 2.60; BARLEY NO. 3 RANGE 1.20-1.75, AVERAGE 1.45, OATS NO. 2 RANGE 1.60-2.05, FEW REPORTED 1.40, AVERAGE 1.77, SOYBEANS NO. 1 RANGE 5.20-5.35, AVERAGE 5.28, OLD EAR CORN RANGE 53.00-65.00, AVERAGE 57.67; **NEW EAR CORN RANGE 45.00-60.00, AVERAGE 50.71.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 1.75-2.00, AVERAGE 1.86; @WHEAT NO. 2 RANGE 2.40-2.70, AVERAGE 2.55, OATS NO. 2 RANGE 1.50-1.75, AVERAGE 1.61, *BUCKWHEAT RANGE 8.00-9.00, AVERAGE 8.67, OLD EAR CORN FEW REPORTED *50.00, AVERAGE 50.00, **NEW EAR CORN FEW REPORTED *45.00, AVERAGE 45.00

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 1.85-2.25,

AVERAGE 2.03, @WHEAT NO. 2-Y RANGE 2.35-3.15, AVERAGE 2.71, BARLEY NO. 3 RANGE 1.20-1.85, AVERAGE 1.45, OATS NO. 2 RANGE 1.50-2.05, AVERAGE 1.74, SOYBEANS NO. 1 RANGE 5.10-5.65, AVERAGE 5.33, OLD EAR CORN RANGE 50.00-65.00, AVERAGE 55.83; **NEW EAR CORN RANGE 39.00-58.00, AVERAGE 47.60

MONTH AGO

CORN NO. 2-Y RANGE 1.93; @WHEAT NO. 2-Y RANGE 2.70, BARLEY NO. 3 RANGE 1.41; OATS NO. 2 RANGE 1.59, SOYBEANS NO. 1 RANGE 5.26, OLD EAR CORN RANGE 55.22; **NEW EAR CORN 43.47

YEAR AGO

CORN NO. 2-Y AVERAGE 1.77, @WHEAT NO. 2-Y AVERAGE 2.56, BARLEY NO. 3 AVERAGE 1.33, OATS NO. 2 AVERAGE 1.08; SOYBEANS NO. 1 AVERAGE 4.67, OLD EAR CORN AVERAGE 50.20, **NEW EAR CORN AVERAGE 41.50

Regional Hay

November 16, 1987

Eastern, Pa.

On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 AND BETTER PRICES PAID BY DEALERS AT THE FARM AND PER TON.) HAY AND STRAW FULLY STEADY.

ALFALFA 75.00-110.00; MIXED HAY 65.00-90.00; TIMOTHY HAY 70.00-90.00; STRAW 60.00-80.00, MULCH 20.00-40.00

LANCASTER CO.

AUCTIONS

SUMMARY OF LANCASTER CO HAY AUCTIONS FOR WEEK ENDING 11/13/87. PRICES PER TON: LOADS 178 HAY, 55 STRAW, AND 24 EAR CORN.

ALFALFA 70.00-122.00, *140.00, MIXED HAY 61.00-120.00; TIMOTHY HAY 88.00-147.00; STRAW 76.00-106.00, EAR CORN 61.00-85.00

CENTRAL PA.

HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 11/13/87. PRICES PER TON: LOADS: 77 HAY, 13 STRAW AND 11 EAR CORN. ALFALFA 75.00-110.00, *140.00; MIXED HAY 64.00-100.00, *120.00; TIMOTHY HAY *65.00-100.00; STRAW 64.00-100.00; EAR CORN 55.00-62.50.

Westminster Hay

Westminster, Md.

Tuesday, Nov. 17, 1987

Report Supplied by Auction

14 LOADS.

ALFALFA, 92.50; ALFALFA & GRASS, 98.00-118.00, 2.30 AND 2.35 BALE; TIMOTHY, 2.10-2.20 BALE, 2ND CUTTING, 95.00.

MEADOW GRASS, 55.00; BARLEY STRAW, 92.50, WHEAT STRAW, 82.00, OAT STRAW, 78.00.

WOOD, 53.00 CORD.

New Holland Hay

New Holland, PA

Monday, Nov. 16

Report Supplied by Auction
NEW HOLLAND SALES STABLE
WILL BE CLOSED THURSDAY,
NOVEMBER 26

162 LOADS

ALFALFA, 70.00-155.00; MIXED HAY, 68.00-154.00; TIMOTHY, 75.00-127.00, 1 AT 160.00.

ORCHARD GRASS, 105.00-120.00, STRAW 69.00-120.00, NEW EAR CORN 70.00; OLD EAR CORN 55.00-86.00, OATS 2.20-2.75 BU

King's Hay

Kirkwood, Pa.

Tuesday, Nov. 17, 1987

Report Supplied by Auction

18 LOADS

ALFALFA, 84.00-121.00, 1 AT 51.00, ALFALFA MIX, 94.00-103.00; MIXED HAY, 67.00-96.00.

TIMOTHY, 85.00, ORCHARD GRASS, 106.00; 5 LOADS STRAW, 80.00-99.00, 1 AT 60.00.

CORN FODDER, 46.00 PICK-UP LD

Dewart Hay

Dewart, PA.

Monday, Nov. 16, 1987

Report Supplied by Auction

10 LOADS HAY, 70.00-117.00; 4 LOADS STRAW, 75.00-87.00; 3 LOADS CORN, 48.00-59.00.

Seeking Profits In Commodities Trading?

- Hedging
- Speculating
- Managed Account
- Commodity Options

Call Forney Longenecker,
Commodities Investment Executive,
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LEHMAN
BROTHERS

AMERICAN
EXPRESS

HERE TO STAY!

MAKE 1987 THE YEAR TO GET ACQUAINTED WITH NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

7:30 AM

For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM



HAY
STRAW
GRAIN



1:30 PM
BEEF SALE
CALF, SHEEP,
GOATS

WEDNESDAY

11:00 A.M.



HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.

12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M. FEEDER PIG SALE



We endeavor to keep our barns cleaner
than yours. State graded until 12 Noon

THURSDAY

10:00 AM



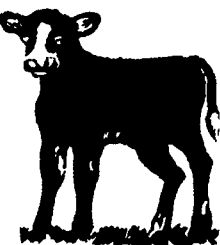
BULLS -



STEERS -
BEEF COWS

2:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

**Frederick Co.
Hay**
Buckeystown, Md.
Thursday, Nov. 19, 1987

Report Supplied by Auction
47 LOADS. MARKET ABOUT
STEADY ON HAY; LITTLE WEAKER
ON STRAW.
ALFALFA, 5 FAIR TO GOOD,

100.00-135.00, 1 HIGH MOISTURE,
62.00; ALFALFA MIX, 3 FAIR,
87.00-110.00, 1 FANCY, 150.00;
TIMOTHY, 6 GOOD, 100.00-122.00, 3
FAIR, 77.00-90.00.

Lancaster Farming, Saturday, November 21, 1987-A7

MIXED HAY, 8 FAIR TO GOOD,
82.00-100.00, 2 DARK, 57.00 AND 68.00;
STRAW, 10 FAIR, 79.00-100.00, 1
DARK, 68.00.
FIREWOOD, 5 SPLIT OAK,
67.00-77.00 CORD; 2 LOADS MIXED,
60.00-65.00 CORD.
NO SALE THANKSGIVING DAY.

RED WINTER WHEAT, ORDINARY
PROTEIN. MINNEAPOLIS, US NO. 1
DARK NORTHERN SPRING WHEAT,
14 % PROTEIN. PORTLAND, NO. 2
SOFT WHITE WHEAT. ST. LOUIS, NO.
2 SOFT RED WINTER WHEAT.
FUTURES CLOSE: KANSAS CITY
(DEC) WHEAT 2.88 1/2 UP 1 1/2 2.55 3/4.
MINNEAPOLIS (DEC) WHEAT 2.72
3/4 DN 1/4 2.66 3/4.
CHICAGO (DEC) WHEAT 2.95 1/2 UP
2 1/4 2.85 3/4.
(DEC) CORN 1.85 1/4 DN 3/4 1.68 3/4.
(JAN) SOYBEANS 5.70 3/4 DN 3 1/4
5.02.
EXPORT: BARGE OR RAIL, PORT
OF NEW ORLEANS OR NORTH TEXAS
GULF. NO. 1 HARD RED WINTER
WHEAT ORDINARY PROTEIN 3.12 1/2
UP 1 1/2 2.86-2.87 NO. 2 SOFT RED
WINTER WHEAT 3.20-3.26 UP 3-5
3.20-3.25 NO. 2 YELLOW CORN
2.10-2.11 NC-UP 1 1.83-1.88 NO. 2 YEL-
LOW SORGHUM 3.57-3.66 UP 3-NC
3.23-3.36 NO. 2 YELLOW SOYBEANS
5.83-5.85 DN 5-6 5.27-5.28.

National Grain Summary

St. Joseph, Mo.

Wednesday, November 18, 1987

CASH GRAINS AND SOYBEANS
CLOSED MIXED. WHEAT MARKETS
HIGHER ON USDA ANNOUNCEMENT
THAT CHINA AND BULGARIA
TARGETED FOR EXPORT BONUS
WHEAT PURCHASES. CORN MARK-
ETS NARROWLY HIGHER ON LIGHT
COUNTRY SELLING WHILE SOY-
BEANS DECLINED DUE TO WEAKEN-
ING EXPORT DEMAND.

EXPORT NEWS: CHINA AND BUL-
GARIA WERE TARGETED BY USDA
FOR EXPORT BONUS WHEAT UP TO
1.15 MILLION BUSHELS. EGYPT
BOUGHT 50,000 TONNES OF
OPTIONAL-ORIGIN SUNOIL FOR
JANUARY SHIPMENT. SOUTH KORE-
A'S NATIONAL LIVESTOCK
COOPERATIVE FEDERATION WILL
TENDER THURSDAY FOR 50,000 TON-
NES U.S. NO. 3 YELLOW CORN.

DATE CHANGE YEAR AGO 11/18/87
11/17/87 11/19/86 WHEAT: KANSAS
CITY 2.83-2.85 UP 2-1 2.60-2.69 MIN-
NEAPOLIS 3.13 3/4 DN 1/4 3.10 3/4
PORTLAND 2.94-2.98 UP 2-4 2.81-2.82
ST. LOUIS 2.97-3.02 UP 5-3 3.02-3.03

CORN, U.S. NO. 2 YELLOW: KAN-
SAS CITY 1.79-1.84 NC-UP 1 1.62-1.69
MINNEAPOLIS 1.75 1/4 UP 1/4 1.47 3/4
SO. IOWA 1.81-1.86 NC-UP 1 1/2
1.60-1.62 OMAHA 1.69-1.72 DN 1-UP 1
1.56-1.58.

SOYBEANS, NO. 1 YELLOW: KAN-
SAS CITY 5.45-5.50 DN 4.84-4.90 MIN-
NEAPOLIS 5.48 3/4 DN 4 1/4 4.86 SO.
IOWA 5.50-5.55 DN 3-4 4.95-4.96 C. ILL.
PROCESSORS 5.59-5.69 DN 4-3 5.08-5.
12. *KANSAS CITY, US NO. 1 HARD

Good's Hay

Leola, Pa.

Wed., Nov. 18, 1987

Report Supplied by Auction

74 LOADS.

ALFALFA, 84.00-147.00; MIXED
HAY, 83.00-157.00, 1 AT 41.00 (MULCH
HAY); TIMOTHY, 90.00-112.00; CLOV-
ER, 83.00-97.00; STRAW, 83.00-100.00.
OLD CORN, 68.00-86.00; NEW CORN
67.00-80.00; OATS, 2.60 BU.; RYE, 2.00
BU.; CORN FODDER, 70.00; GRASS,
70.00.

Keister's Hay

Middleburg, PA

Tuesday, Nov. 17

Report supplied by auction

17 LOADS HAY.

ALFALFA, 105.00-110.00; MIXED
HAY, 67.50-110.00; TIMOTHY, 100.00; 8
LOADS STRAW, 80.00-90.00; CORN
FODDER, 42.50.

Alfalfa's Triple Crown.

Emerald. Maxim. Funk's G-2852. These
hardy alfalfas from Hoffman will place you
in the winner's circle with improved yields,
exceptional stand longevity, and broad-
based disease protection

Emerald's the yield leader from start-to-
finish. It has consistently bested Hoffman
trials, while producing 5 1/2 percent better
than average yields in New York and
Pennsylvania state trials.

Maxim's a sure bet for exceptional stand
longevity. And its two-year production

average of 9 6 tons/acre will give you
front-running yields

Funk's G-2852 tops the field with some
of the best disease resistance available.
Backed by years of research, this new-
comer has shown annual yield advantages
of 1/2 ton/acre

When you're looking for a winning alfalfa
yield, call your local Hoffman seed repre-
sentative. Or call Hoffman Seeds direct
for more information about Alfalfa's
Triple Crown



Hoffman Seeds, Inc.

The Yield Experts

Landisville, PA 17538

Call Toll Free 1-800-233-0137 In PA 1-800-732-0456

The limitation of warranty and remedy on the tag attached to each bag of Funk's G Hybrids and RA Hybrids sold is a part of the terms of sale thereof. Funk's is a brand name. Numbers identify varieties.

Support
The
Auction

PENNSYLVANIA TOBACCO AUCTION

Working
For The
Farmer

**FARMERS! YOU MUST STAND TOGETHER IF YOU WANT
THE AUCTION SYSTEMS TO WORK!**

Some of you have already been contacted by buyers and made
offers for your tobacco. There is a great interest in this years
crop. We have supplied samples to several buyers & companies
& have received very favorable reports. Don't be hasty in selling
away from the auctions! Remember, the auction provides a ser-
vice for the buyer & seller and provides the best market price
available.

We welcome back our warehouse manager Ron Ray, and ticket
marker Jim Lowe. Also, we welcome back Mitch Ashby as auc-
tioneer. With this experience in our warehouse, we can pull the
best possible prices for your tobacco.

START STRIPING YOUR TOBACCO NOW!

Be prepared to bring your tobacco to the auction early. Don't
wait until it's too late. P.T.A. recommends you bring ALL
GRADES OF YOUR TOBACCO TO THE FIRST SALES. It is
important to grade according to color & quality.

P.T.A. will start receiving tobacco December 1. Call for details &
any questions you may have. P.T.A. has trucks available to pick
up your tobacco.

OPENING DATES

Intercourse - December 7 - 1 P.M.

Quarryville - December 9 - 1 P.M.

Member:



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Marketing Group**

76 Pumping Station Rd.
Quarryville, PA 17566
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717-768-7100

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Hay, Straw
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CFS

PFA COMMODITY FUTURES SERVICE, INC.

THE OLD FARMER'S ALMANAC

NOV. 23-29, 1987

A lot of gobbling going on this week!

Average length of days for the week 9 hours, 27 minutes Joseph Smith of the Mormon Church of Utah was convicted of polygamy Nov 23, 1906 Scott Joplin born Nov 24, 1868 D B Cooper, wearing a light business suit (and carrying \$200,000), parachuted from an airplane over Woodland, Wash., amidst gale winds and freezing temperatures, in the first successful skyjacking Nov 24, 1971 Thanksgiving Day Nov 26 First quarter of the moon Nov 27 (Fri) Guitarist Jimi Hendrix born Nov 27, 1942 A cask of wine works more miracles than a church full of saints



Ask the Old Farmer: As a child I remember affectionately calling a station wagon or beach wagon a "Banana Car." Can you shed any light on how the old wooden station wagons could have possibly gotten such a name? S R V, Amarillo, Tex
Early wooden station wagons were varnished and were bright yellow -- "banana colored."
Home Hints: To clean the inside of your refrigerator use a solution of 1 or 2 tablespoons of baking soda dissolved in a quart of warm water

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week clear, northeaster with snow south mid through end of week
Greater New York-New Jersey: Beginning of week cloudy and cold, midweek rain, snowstorm north, end of week cloudy and cold
Middle Atlantic Coastal: Week begins cold, midweek snowstorm, rain southeast, cold, end of week cold with flurries

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Carlisle Livestock Market

Carlisle, Pa.

Tuesday, Nov. 17, 1987

CATTLE: STEERS: NO HIGH CHOICE OR PRIME OFFERED - ACTIVE. LOW CHOICE 64.00-66.00; GOOD 62.50-63.85; MEDIUM 53.25-58.00.

HOLSTEINS: 1.00 HIGHER. CHOICE

59.85-62.00; GOOD 53.50-58.50; MEDIUM 47.00-53.00.

HEIFERS: GOOD 57.25-61.00; MEDIUM 56.00&DOWN.

COWS: LARGE RUN WITH GOOD

DEMAND. HIGH YIELD 47.25-48.85; MEDIUM 42.50-44.25; GOOD 44.50-47.00; BIG MIDDLE 40.25-45.75; SHELLY 40.00&DOWN.

FAT BULLS: MEDIUM 47.75-56.75. **FEEDER CATTLE:** LARGE RUN. **STEERS:** (300-550 LBS.) 1.00 HIGHER. **GOOD** 66.00-70.50; **MEDIUM-GOOD** HOLSTEINS 55.00-65.00. **STEERS:** (600-950 LBS.) 2.00 HIGHER. **GOOD** 62.00-66.50; **MEDIUM** 56.00-61.00. **HEIFERS (ALL WEIGHTS)** 2.00 TO 3.00 HIGHER. **CHOICE** 62.00-70.00; **MEDIUM** 57.00&DOWN; **GOOD** 58.00-61.00.

BULLS (ALL WEIGHTS) CHOICE 68.00-70.00; **GOOD** 57.00-64.00; **COUPLE MEDIUM** 49.00-56.00.

VEAL CALVES: LARGE RUN WITH **STRONG DEMAND.** **CHOICE** 95.00-105.00; **MEDIUM** 84.00-88.00; **GOOD** 89.00-94.00; **LIGHT/WEAK** 82.00&DOWN. **FARM BULLS** 100.00-130.00.

HOGS: BARROWS & GILTS LARGE RUN. **US NO. 1-3** 210-250 LBS. 40.25-42.50; **OVER 260 LBS.** 39.50-43.50; **2&3'S (ALL WEIGHTS)** 39.25&DOWN. **SOWS:** **GOOD** RUN **MOSTLY STEADY.** **OVER 450 LBS.** 34.00-36.75; **UNDER 450** 34.00-38.00; **2&3'S** 33.75&DOWN. **BOARS:** 27.75-30.00.

FEEDER PIGS (BY THE HD) LARGE RUN. (10-20 LBS. 10.00-13.00); (25-45 LBS. 27.00-40.00).

LAMBS: **CHOICE** (50-70 LBS. 79.00-88.00); **GOOD&CHOICE** (75-120 LBS. 61.00-77.50); **MED.** 60.00&DOWN. **EWES & BUCKS** **MOSTLY** 25.00-39.00 **GOATS:** (LG.) 50.00-57.50; (HD) SM./MED. 22.00-46.00.

NOTES: **SALE EVERY TUESDAY** **EVENING 7:00 P.M. FOR LIVESTOCK;** 5:30 P.M. FOR RABBITS, POULTRY & EGGS. **EARLYBIRD PENS** **CLOSE AT 2:00 P.M.**

Eighty-Four Livestock

Eighty-Four, Pa.

Monday, Nov. 16, 1987

Report Supplied by Auction

CATTLE 440. **CHOICE** **SLAUGHTER** **STEERS** 64.00-65.50. **CHOICE** **SL. HEIFERS** 60.00-62.00. **BREAKING** **UTILITY** & **COMMERCIAL** **SL. COWS** 44.00-49.00, **CUTTER & BON.** **UTILITY** 42.00-46.00. **YIELD** **GRADE** **NO. 1,** 1100-2100 LBS. **SL. BULLS** 50.00-57.50. **FEEDER CATTLE:** **MEDIUM & LARGE** **FRAME** **NO. 1,** 400-600 LBS. **STEERS** 67.00-85.00, 300 LBS. **AT** 90.00.

CALVES 242. **CHOICE** **VEALERS** 92.00-96.00. **FARM** **CALVES:** **HOLSTEIN** **BULLS** 90-120 LBS. 98.00-135.00. **HOGS** 147. **US** **NO. 1-2** 240-250 LBS. **BARROWS** **AND** **GILTS** 41.00-43.50, 2-3 240-250 LBS. 38.00-41.00.

FEEDER PIGS 0. **NO** **MARKET** **TEST.** **SHEEP** 160. **HIGH** **CHOICE** & **PRIME** 75-95 LBS. **WOOL** **SLAUGHTER** **LAMBS** 75.00-85.00; **GOOD & CHOICE** 50-70 LBS. **FEEDER** **LAMBS** 80.00-91.00.

GOATS 18. **NO** **MARKET** **TEST.**

Grantsville Livestock

Grantsville, Maryland

Saturday, Nov. 14, 1987

HOGS: **TOP** **BARROWS & GILTS** 40.50-42.00; **HEAVY** **BUTCHER** 40.00-41.50; **LIGHT** **BUTCHER** 35.00-40.00; **BUTCHER** **SOWS** 34.00-42.50; **FEEDER** **SHOATS** 15.00-38.00.

VEAL: **GOOD** 86.00-90.00, **STANDARD** 76.00-85.00; **UTILITY** 70.00-75.00; **BULL** **CALVES** 95.00-125.00.

SHEEP & LAMBS: **GOOD** 62.00-66.00; **UTILITY** 54.00-60.00; **SLAUGHTER** **EWES** 18.00-28.00.

SLAUGHTER CATTLE: **STEERS** **GOOD** 59.00-63.50; **STANDARD** 55.00-58.00; **UTILITY** 48.00-52.00.

HEIFERS: **GOOD** 54.00-57.50; **STANDARD** 50.00-52.00; **UTILITY** 42.00-48.00.

COWS: **COMMERCIAL** 42.00-48.00, **UTILITY** 38.00-40.00, **CANNER** **AND** **CUTTER** 35.00-37.00.

BULLS: **COMMERCIAL & GOOD** 45.00-53.50; **CUTTER & UTILITY** 40.00-42.00.

STOCK-FEEDER CATTLE: (**YEARLING** **STEERS**) **GOOD** 62.00-70.00; **MEDIUM** 48.00-58.00.

STEER **CALVES:** **GOOD** 70.00-89.00, **MEDIUM** 52.00-65.00.

HEIFER **CALVES:** **GOOD** 65.00-72.00; **MEDIUM** 45.00-60.00.

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 Egg Numbers, Livability,
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FLASH
UPDATE!

DEKALB XL-Link

FLASH
UPDATE!

Please Review These Three
 Lancaster County Flocks Housed
 During This Summers ~~Hot~~ Weather

PRODUCTION:

FARM A

59,120 DEKALB XL
 Housed 6/15/87 - 20 Weeks

FARM B

31,009 DEKALB XL
 Housed 7/6/87 - 20 Weeks

Age	House #1	House #2	
20	7%	6.7%	—
21	30.6%	30.2%	11 %
22	59.2%	59.4%	35 %
23	79.9%	80.1%	59.2%
24	88.3%	88.4%	79.0%
25	92.3%	92.2%	89.7%
26	93.9%	93.9%	94.0%
27	94.2%	94.0%	95.6%
28	94.5%	94.4%	95.5%
29	94.2%	94.3%	95.7%
30	93.9%	94.2%	95.4%
35	92.7%	91.9%	95.1% (9 weeks over 95%)

CASE WEIGHT

AT 35 Weeks:

LIVABILITY

Through 35 Weeks:

46.25#

46.0#

48.2#

98.74%

98.77%

Performance under variable conditions makes the DEKALB XL the right bird anytime of the year. To put the DEKALB XL to work for you, call on the only full service company, in this area, to handle the total needs of the poultrymen.



For More Information Phone:

717-653-1102

Monday - Friday 8:30 AM - 4:00 PM



FRIDAY, DEC. 18 - 1:00 PM ON THE FARM MONTHLY BRED GILT SALE

Sale To Start Promptly Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head

WHITE DIAMOND GILTS

Large White & Landrace, first generation true F-1 gilts. Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.

Vaccinated for Lepto, Erysipelas, Rhinitis, E'Coll, Pasteurella

Hand mated with Breeding Dates

Local Truck Available

No Hogs Sold On Commission

JOHN B. STOLTZFUS

R.D. 1, Kirkwood, Pa.

Abe Dittenbach, Auctioneer AU225L

NEXT SALE FRI., JANUARY 15, 1:00 P.M.



Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.

Saturday, Nov. 14, 1987

Report supplied by auction

FEEDER CATTLE TREND: 300-500 LBS. \$2-6 HIGHER; OTHER WEIGHTS STEADY TO \$2 HIGHER.

STEERS: M&L-1 300-500 LBS. 80.00-90.00; 500-700 LBS. 68.00-81.00; 700-1000 LBS. 65.00-71.75. S-L&M&L-2 300-500 LBS. 70.00-82.00; 500-700 LBS. 62.00-72.00; 700-1000 LBS. 62.00-65.00; HOLSTEIN 300-1000 LBS. 58.00-68.00. FEEDER BULLS: M&L-1 300-500 LBS. 78.00-79.50; 500-700 LBS. 63.00-68.00. S-L&M&L-2 300-500 LBS.

65.00-70. HEIFERS: M&L-1 300-500 LBS. 72.00-79.00; 500-700 LBS. 65.00-76.00; 700-1000 LBS. 62.00-65.00. S-L&M&L-2 300-500 LBS. 68.00-70.00; 500-700 LBS. 62.00-68.00.

STOCK COWS: BEEF: MEDIUM FRAME 400.00-435.00; SMALL FRAME 325.00-360.00; BABY CALVES: 35.00-118.00.

SLAUGHTER COWS TREND: UTILITY & COMMERCIAL 2-4 39.00-45.00; CANNER & CUTTERS 1-3 34.00-41.00. SLAUGHTER BULLS 1&2 50.00-56.00.

LAMBS: TREND: 1% LOWER. BLUE O HIGH CHOICE & PRIME 63.35; RED O CHOICE 68.50; FEEDER LAMBS CHOICE 79.50-81.00.

HOGS: US 1-3 200-240 LBS. 40.60; SOWS 1-3 35.00-40.00; BOARS 25.00. VEALS: CHOICE & PRIME 84.00-92.00. SLAUGHTER CALVES: GOOD & CHOICE 61.00-70.00.

Virginia Weekly Livestock

Roanoke, Virginia

Thursday, November 19, 1987

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; NOV. 12-18, 1987. FEEDER STEERS AND HEIFERS IN VIRGINIA AUCTIONS SOLD STEADY TO \$6.00 HIGHER WHILE MIDWEST PRICES WERE STEADY TO \$4.00 HIGHER. SLAUGHTER STEERS AND HEIFERS WERE STEADY TO \$3.00 HIGHER AT VIRGINIA AUCTIONS WHILE MIDWEST MARKETS WERE MIXED \$1.50 HIGHER TO \$1.00 LOWER. BOXED BEEF PRICES WERE \$2.51 HIGHER LAST WEEK AS THE BOXED BEEF CUT-OUT VALUE REACHED \$103.16/CWT. MONDAY. COWS AND BULLS IN VIRGINIA AUCTIONS WERE STEADY TO \$5.00 HIGHER WHILE MIDWEST PRICES WERE STEADY TO \$1.00 HIGHER. BEEF PRODUCTION LAST WEEK WAS 2% BELOW THE PREVIOUS WEEK AND 1% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 34 LBS. HEAVIER THAN LAST YEAR. VEAL AND CALF PRICES IN VIRGINIA AUCTIONS WERE STEADY LAST WEEK, FOLLOWING MIDWEST PRICES WHICH WERE STEADY TO \$3.00 HIGHER. SLAUGHTER WAS UNCHANGED FROM A WEEK AGO AND 14% BELOW A YEAR AGO AS AVERAGE WEIGHTS WERE 5 LBS. HEAVIER THAN A YEAR AGO. LAMB PRICES AT VIRGINIA AUCTIONS WERE STEADY TO \$4.50 HIGHER AS MIDWEST PRICES WERE STEADY TO \$6.00 LOWER. SLAUGHTER LAST WEEK WAS 4% ABOVE THE PREVIOUS WEEK AND LESS THAN 1% BELOW A YEAR AGO. AVERAGE WEIGHTS WERE 1 LB. HEAVIER THAN LAST YEAR. HOG PRICES IN VIRGINIA AUCTIONS WERE STEADY THIS WEEK. PORK PRICES WERE STEADY TO \$9.00 LOWER DURING THE WEEK. PORK PRODUCTION LAST WEEK WAS 1% BELOW THE PREVIOUS WEEK AND 13% ABOVE A YEAR AGO. AVERAGE WEIGHTS WERE 3 LBS. LIGHTER THAN LAST YEAR.

THE RICHMOND HOG MARKET CLOSED \$1.00 LOWER THAN LAST WEDNESDAY WITH BARROWS AND GILTS US 1-4 200-240 LBS \$39.00-39.50. TOTAL RECEIPTS FOR THE WEEK 233 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED \$1.00 LOWER THAN LAST WEDNESDAY WITH BARROWS AND GILTS US 1-4 200-240 LBS AT \$39.50-41.00 PER CWT. TOTAL RECEIPTS FOR THE WEEK 14,551 HEAD AT HARRISONBURG, LYNCHBURG AND TAPPAHANNOCK HOG PRICES WERE 50 CENT TO 1.00 LOWER THAN LAST WEDNESDAY AT \$39.00-41.50. SOWS RANGED \$30.00-32.00 AND BOARS \$26.00 PER CWT.

SLAUGHTER STEERS AND HEIFERS 2%; SLAUGHTER COWS 17%; SLAUGHTER BULLS 1%; SLAUGHTER CALVES AND VEALERS 2%; FEEDER CATTLE UNDER 600 LBS 63%, OVER 600 LBS 15%.

PRICE RANGES FOR VIRGINIA AUCTIONS SLAUGHTER CATTLE CHOICE STEERS 2-3 1000-1300 LBS 61.00-65.00 CHOICE STEERS 2-3 1300 LBS & OVER 61.50-65.25 CHOICE HEIFERS 2-3 900-1100 LBS 60.00-65.25 CHOICE HEIFERS 2-3 1100 LBS & OVER 59.50-64.75 UTILITY & COMMERCIAL COWS 35.00-50.00 BULLS 1-2 900-1300 LBS 45.00-56.00; 1-2 1300-1600 LBS 48.00-56.00 1-2 1600 LBS & OVER 48.50-59.50 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 82.00-109.50 GOOD AND CHOICE 100-250 LBS 66.00-81.50 CALVES - GOOD AND CHOICE 250-500 LBS 58.00-75.00 LAMBS HIGH CHOICE AND PRIME 95-125 LBS 63.20-65.00 SLAUGHTER HOGS - US 2-4 200-250 LBS 40.25-41.10 SOWS US 1-3 300-500 LBS 31.00-40.00 500 LBS & OVER 35.00-45.00 FEEDER CATTLE STEERS; MEDIUM 1 300-500 LBS 78.00-93.50 500-700 LBS 66.00-82.00 HEIFERS; MEDIUM 1 300-500 LBS 65.00-80.00 500-700 LBS 63.00-76.00.

Regional Hay

November 16, 1987

Eastern, Pa.

On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 AND BETTER PRICES PAID BY DEALERS AT THE FARM AND PER TON.) HAY AND STRAW FULLY STEADY.

ALFALFA 75.00-110.00; MIXED HAY 65.00-90.00; TIMOTHY HAY 70.00-90.00; STRAW 60.00-80.00; MULCH 20.00-40.00.

LANCASTER CO.

AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 11/13/87. PRICES PER TON: LOADS: 178 HAY, 55 STRAW, AND 24 EAR CORN.

ALFALFA 70.00-122.00, *140.00; MIXED HAY 61.00-120.00; TIMOTHY HAY 88.00-147.00; STRAW 76.00-106.00; EAR CORN 61.00-85.00.

CENTRAL PA.

HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 11/13/87. PRICES PER TON: LOADS: 77 HAY, 13 STRAW AND 11 EAR CORN.

ALFALFA 75.00-110.00, *140.00; MIXED HAY 64.00-100.00, *120.00; TIMOTHY HAY *65.00-100.00; STRAW 64.00-100.00; EAR CORN 55.00-62.50.

Belleville Hay

Wednesday, Nov. 18

Belleville, PA

Report Supplied by Auction

47 LOADS HAY.

ALFALFA, 85.00-160.00; MIXED HAY, 60.00-110.00; STRAW, 87.50, 3 LOADS EAR CORN, 65.00-72.50.

Roth Hay

Kirkwood, PA

Thurs., Nov. 19

Report Supplied by Auction

6 LOADS.

STRAW, 64.00 PICK-UP LD.; ALFALFA, 70.00-104.00.

HAY & STRAW SALE

12:00 Noon

Every Wednesday Westend of Avondale at the intersection of Baltimore Pike and Route 41.

Harvey Z. Martin

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Hay, Straw and

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EVERY TUESDAY

12:00

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Lloyd H. Kreider,

Auctioneer

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At U S Agri-Systems the myths are exploded with

state of the art equipment that is time tested and proven. Along with this equipment you'll be getting 15 years of manure management knowledge and experience. Don't rely on myths to solve your problems. Contact U S Agri-Systems Toll Free 1-800-222-2948.

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At The

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Thanksgiving Week Sale Day Wednesday, November 25

MONDAYS - Hogs 8 AM to 11:30 AM Cattle & Calves 8 AM to 3 PM

THURSDAYS - Cattle & Calves 8 AM to 3 PM

- No commission or yardage fees deducted from check
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Lebanon, Berks, Lancaster & Chester Counties



OPINION

Taking The Pulse Of Agriculture

Larry Beard of USDA's National Agricultural Statistics Service calls it, "Taking the pulse of agriculture."

Like a regular physical examination by a doctor, he says, it's something that needs to be done, regardless of the apparent condition of the agricultural sector.

He is talking about the annual Farm Costs and Returns Survey, which is conducted by the statistics service and its state offices.

Jim Johnson and Mitch Morehart, two USDA economists who analyze the survey results, explain the need for the survey by referring back to the time before the first one was taken for 1984.

There were many questions then about what was happening in agriculture--and within different subsectors of farming--from lawmakers, farm organizations, extension and university people, and the public. The data to answer those questions just wasn't available.

What difference does the survey make?

"It's the difference between everybody speculating and arguing about what's going on in agriculture, versus everyone having a detailed set of reliable data collected from farmers themselves," says Morehart. "The data may not tell us the best direction to go. That's still a political matter. But good, hard information helps us separate fact from fiction and may prevent some serious mistakes from being made." Next February and March, interviewers will be back out in the field asking about 25,000 farmers and ranchers to participate in the fourth annual Farm Costs and Returns Survey. This one will collect data covering 1987.

Analysts and enumerators (as the interviewers are called) have already talked to a small sample of producers, testing the survey to make sure the questions are clear and can be easily answered from the records most farmers keep. Morehart was one of those conducting the tests. "Yes, this survey tries to get everything," he says, "but I found that farmers generally aren't reluctant to provide the information."

Morehart and Beard have a simple message for farmers: "We ask these questions because the information is needed. We depend on your cooperation."

Here are some of the facts they want farmers to know about the survey:

- It's a detailed survey, requiring at least an hour to conduct. The

enumerators are instructed to set up a time convenient for you, so they don't interrupt your work.

- The survey is voluntary. You are not required to participate, but your participation is critical. Each participant was selected by a statistical sampling procedure to represent many other farmers with similar operations. No one else can take your place.

- The enumerators were hired and trained to conduct the survey by your state agricultural statistics service. They live and work in your local area.

- Your answers are completely confidential. Your state office will feed the data into a computer, and will then destroy the original questionnaires so that no one can trace any answers back to you or your operation.

- If you're a participant in the survey, your state office will automatically send you a summary of the results. Other information will be released by USDA in various reports as results are compiled. This information is available directly from USDA and is also reported by many farm newspapers and magazines.

- The information serves many needs. The survey provides cost of production data which help policymakers understand the costs of farming. Other data help researchers track how inputs are being used and analyze the financial situation in the farm sector, how it's changing, and where problems are located. The survey also provides information helping lenders evaluate their credit policies and helping farmers understand what's happening within their region and their subsector of agriculture.

"Our job as USDA analysts is to be objective and to derive conclusions that are supported by the data," says Morehart. Researchers in government and universities, extension people, lawmakers, and analysts for farm organizations then find that disagreements over facts are fewer, and policy debates can concentrate on what needs to be done."

He concludes: "The data are going to tell the same story no matter who does the analysis, but different groups may be interested in different parts of that story."



NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent

To Appreciate Harvest Completion

Once again we have come to the end of another growing season and the end of the harvest.

The 1987 year was a mixed year, with some areas having a favorable year while other areas suffered from lack of rainfall and excessive heat. In some neighboring counties it was much drier than Lancaster County.

Farm Calendar

Saturday, November 21

Montgomery Co. DHIA Banquet, 4-H center, Creamery, 7:15 p.m.

York Co. 4-H Dairy Achievement Banquet, Airville Fire Hall, 7 p.m.

Lancaster Farmers' Association Farm Tour, 21 thru 22

Monday, November 23

Sectional Stockholders Meeting, Farm Credit, Oxford Firehall, 7 p.m.

District 4-H Horse Meeting, Bedford, 7:30 p.m.

Lebanon Co. 4-H Dairy Banquet One Firehall, 7:30 p.m.

Tuesday, November 24

Farm Credit Sectional Stockholders Meeting, Christopher Dock High School, Kulpsville, 7 p.m.

PA Annual Forage Conference, Mercersburg Academy, 9 a.m. Jefferson Co. Holstein Meeting, Country Hearth Restaurant, Brookville, 7:30 p.m.

Dairy Nutrition School/Manheim-Mt. Joy Area, Sponsored by Lanc. Co. Ext. Service, Country Table, Rt. 230 Mt. Joy, 9:30 a.m.

Lebanon Co. DHIA Meeting Prescott Fire Hall, 7 p.m.

Del. Alfalfa Management Meeting, State Fairgrounds, Harrington.

Forage Conference, Franklin County, 9 a.m.

Ag Commodity Forecasting, Bradford Extension Office, 7:30 p.m.

Wednesday, November 25

Dairy Nutrition School, Berks Co. Ag Center, Leesport, 9 a.m.

Friday, November 27

4-H County Council at Extension Office, Bradford Co., 7 p.m.

(Turn to Page A38)

The harvest is now 95 percent plus completed. There now comes a good feeling of satisfaction when we've done our best and all is safely gathered in.

Rewards from crop production come as a result of a choice selection of seeds and plants; of careful preparation of the seedbed; of applying soil nutrients, tilling the soil and weed control; of cooperation from weather's rain or sunshine and of the owner of manager inputs. Harvest time follows. A time of joy and thanksgiving should now prevail.

To Consider Attending No-Till Conference

"No-Tillage: Making It Profitable," is the theme of the 1987 Mid-Atlantic No-Till Conference scheduled for Wednesday, December 16 at the Maryland State Fairgrounds, Timonium, Maryland.

The program committee has arranged for prominent speakers to cover such timely topics as: Cut No-Till Production Costs With Fall-Seeded Annual Legumes; Residue and Tillage Programs For Reduced Tillage Crops; Grain Marketing - Beyond The Elusive Dream; Weed Control Strategies in No-Till Soybeans; Marketing Perspectives For Alternative Crops and Optimizing Equipment Costs with No-Till. The keynote speaker is Alan R. Tank, Assistant Vice-President of the National Corn Growers Association. He is responsible for helping to formulate policies affecting the nation's corn industry.

There are a great many commercial exhibitors with representatives eager to greet and help you. The program starts at 9:00 a.m. and ends at 4:00 p.m.

Program details are now avail-

able from County Extension Offices.

To Be Careful Around Flowing Grain

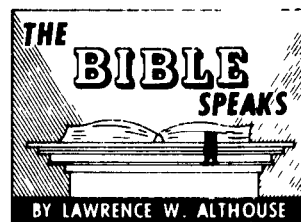
Many farms move grain from one bin to another, onto trucks or the feed grinder. One of the major hazards of moving stored grain is to become covered up and smothered by it. It is very dangerous to be standing in a grain bin when it begins to flow. It takes only a few seconds for an unloading auger to remove enough grain for a person to start sinking into the grain. Never enter a grain bin without first "locking out" all the power sources; also, never enter the bin alone without another person being present. Children should be warned about entering grain bins because of the danger of "bridging" of the grain or the shifting of large areas. All employees should be alerted to the hazards of flowing grain.

To Check Standby Generators

Your standby generator may be needed at any time. Is it ready? With all the uses of electricity on the farm today, we need this type of emergency equipment. We are in the weather season now when we can expect both snow and ice storms that can give us power outages. This means that activities on many farms will stop when the electricity fails. To have a standby generator is very good management; however, you need to run this generator at least once every two weeks to be sure it is in good running order when needed.

This kind of emergency equipment can be a life saver for both animal and poultry, as well as eliminate possible financial losses.

The Cooperative Extension Service is an affirmative action, equal opportunity educational institution



GOING WITH THE FLOW

November 22, 1987

Background Scripture: Genesis 41:38-44, 4-52.

Dr. Joan Boysenko, in her book, *Minding the Body, Mending the Mind* (Addison Wesley, 1987), tells of watching two children play on the seashore. A little boy, about four, was building a sand castle. As the tide moved in, however, he became frustrated in trying to maintain his creation against the relentless force of the tide. Frantically, he struggled, but it was hopeless.

Nearby was a little girl of about the same age. She too was building a sand castle, but she soon realized the inevitability of the tide and, instead of becoming frustrated, began a new game of digging holes and watching the tide fill them. Dr. Boysenko concludes: "The first

child ended up angry and frustrated -- his castle had been destroyed in spite of every effort to control the tides. The second child had instead discovered a new game and spent a doubly pleasant afternoon. She had both literally and figuratively learned to let go -- "to go with the flow."

JUSTIFIABLY BITTER

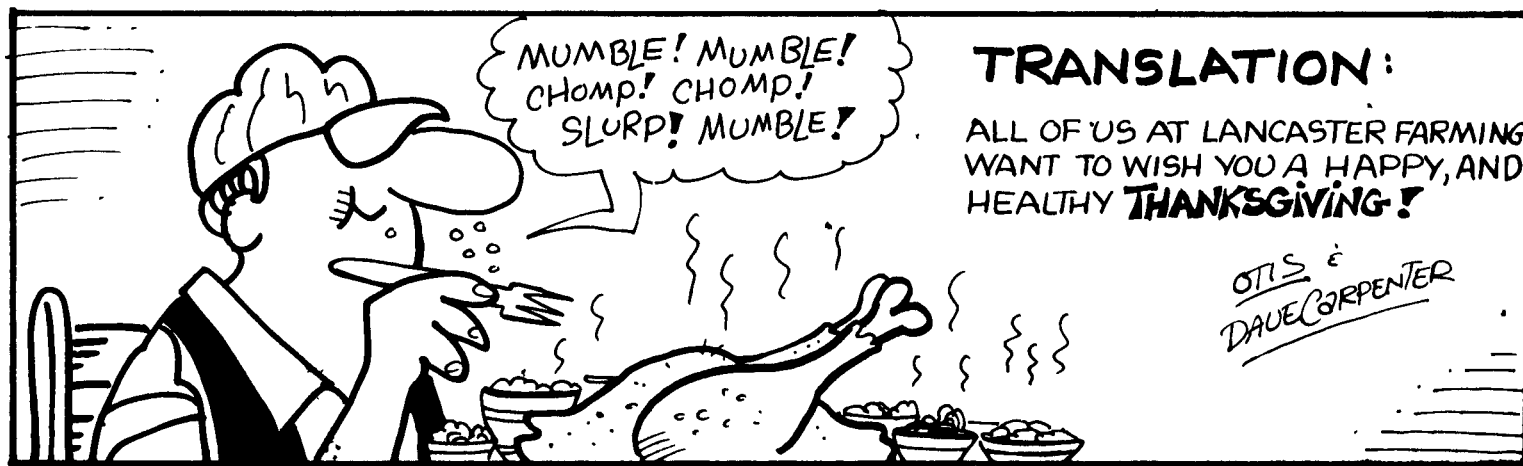
The little girl has learned as a child what Joseph learned as a young man. In light of everything that had happened to him, he would have been justified in staying bitter for the rest of his life. Sold into slavery by his own brothers, unjustly accused by Potiphar's wife, thrown into a dungeon in a strange, alien land, who could have blamed him if he had spent the rest of his cynical life of both man and God? Someone else might have said, "Let Egypt starve to death -- serves them right!"

Joseph could have chosen that course, but he didn't. There was nothing he could do to change what evil had befallen him at the hands of others, so he chose to make the best of the situation in which he found himself. Thus, instead of being closed to God's guidance, he was ready to follow wherever he might lead.

SPECIAL NAMES

We can detect his attitude in the names he gave his two children: MANASSEH, meaning "God has made me forget all my hardship and all my father's house," and EPHRAIM, "For God has made me fruitful in the land of my affliction" (41:51,52). Joseph would have been justified in eating the fruits of bitterness for the rest of his life. Instead, he responded to the voice of God, letting go of the past and making the most of the present.

(Based on copyrighted Outlines produced by the Committee on the Uniform Series and used by permission. Released by Community & Suburban Press)



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CHRISTMAS SALE

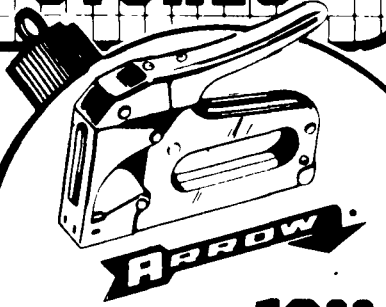
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 Mon-Wed. 6 AM - 6 PM
 Thurs 6 AM - 8 PM
 Fri 6 AM - 9 PM
 Sat. 7 AM - 4 PM



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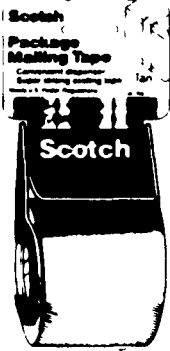
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 5 & 10 locking pliers with curved jaws knurled tips and built in wire cutters 215G



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With FREE 1X" ACCESSORY KIT

Vacuums wet or dry, indoors out Includes 6'x2 1/2" hose, two 20" extension wands, utility nozzle, integrated dolly 808-29-5

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 Your Final Cost **16.99**

100/140 watts dual heat soldering gun features finger-tip control and light to illuminate work 8200PK

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Dustbuster® Power Brush
 Extra powerful cordless vac with deep cleaning beater bar action Use with or without power brush Recharges in storage/charger base 933R
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FIBERGLASS PIPE INSULATION 1.99
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 Precision cut tooth profile gives right pitch and rake 21832 3E
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 21839

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ALL PURPOSE SOLDERING GUN KIT 16.99
 100/140 watts dual heat soldering gun features 3 copper tips, tip wrench, flux brush, soldering aid tool and rosin core solder in plastic case 8200PK

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 16 cord plugs into cigarette lighter Includes both clear and red lenses 3 way switch 12 volt 9512

STANDARD
149
 Inside Frost Light Bulbs
 Your choice of 40, 60, 75 or 100 watts
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A Factory Rep. Will Demo Black & Decker Tools From 9 AM-12 Noon Sat. Nov. 28th

LEROY B. ESH HARDWARE
 52 Queen Road, Intercourse, PA
 717/768-3681

Pig Roast, Nov. 28th 9:00 AM - ?
 (Benefits Pittsburgh School of Blind)

SALE THRU SAT., DEC. 5, 1987

QUICK GEL SUPER GLUE
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QUICK GEL™ SURE GLUE
 Sale Price 1.00
 Less Rebate 1.00
 Your Cost After Rebate **FREE**
 Revolutionary thick no run formula bonds in seconds 2 grams SGG-1

Lebanon Valley Livestock

Fredericksburg, PA

Tuesday, Nov. 17, 1987

Report supplied by PDA

CATTLE 216 TWO CHOICE SLAUGHTER STEERS 62.25&63.50, FEW HIGH GOOD & LOW CHOICE 60.25-63.50, FEW STANDARD & GOOD 58-58.75, GOOD & CHOICE HOLSTEINS 55.25-59, TWO 60.10&64.75, FEW STANDARD 53.25-54.75, FEW UTILITY 52-54.10. FEW CHOICE SL. HEIFERS 59-62.25, FEW GOOD 56.25-60.25, ONE 63.25, FEW STANDARD 49.25-58.75, FEW UTILITY 43.25-46.75. BREAKING UTILITY & COMMERCIAL SL. COWS 44-48.60, FEW 49.25, FEW YIELD GRADE 4-5 COMMERCIAL 40.25-43.75, CUTTER & BONING UTILITY 41.25-45.75, FEW 47.00, CANNER & LOW CUTTER 38.00-41, FEW DOWN TO 36.00, SHELLS DOWN TO 32.75. ONE GOOD SL. BULLOCK 55.75, ONE STANDARD 48.50. FEW YIELD GRADE NO. 1, 1570-1900 LBS. SL. BULLS 55.50-60.00. FEEDER CATTLE: FEW MEDIUM FRAME NO. 1, 360-700 LBS. BULLS 58.00-60.00.

CALVES 254. FEW CHOICE VEALERS 96.00-99, ONE HIGH CHOICE 98.00, STANDARD AND GOOD 90-125 LBS. 80.00-89, 60-85 LBS. 65.00-80, FEW 87.00, UTILITY 50-100 LBS. 20.00-35, FEW 50.00. FARM CALVES: HOLSTEIN BULLS 90-130 LBS. 90.00-130, MOSTLY 105.00-119; HOLSTEIN HEIFERS 90-125 LBS. 100.00-137.00. FEW BEEF CROSS BULLS & HEIFERS 75-140 LBS. 84.00-100.00.

HOGS 172. FEW US NO. 1-2 220-245 LBS. BARROWS AND GILTS 41.50-41.60, ONE 42.85, FEW 200-215 LBS. 39-40.85, 1-3 230-250 LBS. 41.25-41.85, FEW 2-4 260-280 LBS. 37.25-39.85, FEW 1-3 110-200 LBS. 35-38.50. US NO. 1-3 305-615 LBS. SOWS 34-36.50, ONE 38.50, FEW 2-3, 350-535 LBS. 31.50-34.50. BOARS 29.00-30.75, FEW 32.50, LIGHT WEIGHTS 35.50-37.25.

FEEDER PIGS 57. US NO. 1-3 20-37 LBS. FEEDER PIGS 59.00-59.00, LOT 1-3 54 LBS. 50.00 -- ALL PER HUNDREDWEIGHT.

SHEEP 15. CHOICE 60-110 LBS. WOOL SL. LAMBS 60.00-66.00, ONE 50 LBS. 50.00.

GOATS 1. LARGE BILLY 57.00 -- PER HEAD.

Belknap Livestock Auction

Dayton, Pa.

Wednesday, November 18, 1987

Report Supplied by PDA

CATTLE 88...PDA...Standard slaughter steer at 52.00, few Utility 46.50-48.50. Choice sl. heifer, one 62.75, one Good 53.25, few Standard 48.00-51.25. Few Breaking Utility and Commercial sl. cows 45.00-46.75, few yield grade 4-5, 41.00-43, Cutter & Boning Utility 41.00-45, Canner & Low Cutter 37.00-41, Shell down to 24.50. Few Standard sl. bullocks 50.50-52.75. Few YieldGrade No. 1,

1385/1875 lbs. sl. bulls 52.00-54.50, couple No. 2, 1135 & 1190 lbs. 48.00 & 50.00. Feeder Cattle: Few Medium Frame No. 1, 405/455 lbs. steers 70.00-71.50, few 710/960 lbs. 59.50-62.75. Medium Frame No. 1, 300/485 lbs. heifers 60.00-67.50. Medium Frame No. 1, 360/550 lbs. bulls 65.50-69.50, few Large #2, 350/575 lbs. holsteins 48.00-55.00.

CALVES 107...Few Good vealers 76.00-78, Standard and Good 90/120 lbs. 75.00-87.00, 60/85 lbs. 60.00-80, few Utility 45/60 lbs. 40.00-54.00. Farm Calves: Holstein Bulls 90/130 lbs. 85.00-120.00. Few Holstein heifers 85/110 lbs. 90.00-101.00. Few Beef Cross Bulls & Heifers 55/110 lbs. 82.00-108.00.

HOGS 133...Couple Lots US No. 1-2 240/245 lbs. barrows and gilts 41.80&41, 1-3 220/260 lbs. 39.00-41, few 43.25, 2-3 260/295 lbs. 38.00-40.25, lot 1-3 215 lbs. 38.50. US No. 1-3 290/635 lbs. sows 35.00-40, few 41.00-44, few 2-3 400/595 lbs. 32.75-33.50. Boars 25.00-29.25, individual stock boar 40.00.

FEEDER PIGS 168...US No. 1-3 5/20 lbs. feeder pigs 10.00-17.00, 20/35 lbs. 15.00-27.00, 35/50 lbs. 25.00-33.00, lot 60 lbs. 35.00, few lot 50/60 lbs. 21.00-26.00 --- all per head.

SHEEP 34...Few Good and Choice 85/105 lbs. feeder lambs 57.00-65.00, few Good & Choice 55/75 lbs. 66.00-70.00. Slaughter ewes 15.00-26.00; few Yearlings 31.00-32.00.

GOATS 4...Few Medium & Large 32.00-57.00 --- all per head.

Mercer Livestock Auction

Mercer, Pa.

Tuesday, November 17, 1987

Report Supplied by PDA

CATTLE 339...PDA...Compared with last Tuesday's market: Slaughter steers \$1 higher; Cows \$2 to \$3 higher. Choice sl. steers 62.00-67, Good 59-62.50, Standard 52.50-58, Utility 48.25-52.00. Choice sl. heifers 61.00-63, Good 57.35-60, few Standard 48.00-50.00. Breaking Utility & Commercial sl. cows 44.50-50, one 51.85, Cutter & Boning Utility 41.75-45.60, Canner & Low Cutter 38-42.75, Shells down to 30.00. Good sl. bullocks 55.75-58.00. Yield Grade No. 1, 1300/1855 lbs. sl. bulls 52-57.85, one 59.00, No. 2, 900/1335 lbs. 49.25-52.00. Feeder Cattle: Medium Frame No. 1-2, 245/365 lbs. steers 54.00-60.00. Medium Frame No. 1-2, 425/530 lbs. heifers 49.00-59, 1-2, 600/825 lbs. 45.00-54.00. Medium Frame No. 1-2, 415/760 lbs. bulls 55.00-67, 1-2, 700/900 lbs. 43.00-54.00.

CALVES 110...Few Good vealers 84.00-88, Standard and Good 90/120 lbs. 78.00-87, 60/85 lbs. 65.00-80, few Utility 55/95 lbs. 45.00-65.00. Farm Calves: Holstein Bulls 95/120 lbs. 86.00-100, mostly 90.00-95; Holstein Heifers 100/125 lbs. 84.00-99.00.

HOGS 211...Barrows and gilts .50 to \$1 higher. US No. 1-2 225/235 lbs. 41.60-42.20, Lot (15 head) 45.10, 1-3 215/250 lbs. 41-41.85, 2-3 210/285 lbs. 39-40.50. Few US No. 1-3 300/430 lbs. sows 37.00-40.00. Few Boars 29.00-31.50.

FEEDER PIGS 0...No Market Test.

SHEEP 28...Few Choice 85/105 lbs. wool sl. lambs 57.00-60.00; few Utility

50/85 lbs. 50.00-61.00. Slaughter ewes 10.00-25.00.

GOATS 0...No Market Test.

Omaha Cattle

Omaha, Ne.

Thursday, November 19, 1987

SLAUGHTER STEER AND HEIFER PRICES CLOSED THE WEEK ON A STEADY BASIS, AS MIDSESSION ADVANCES ERASED EARLY WEEK DECLINES. DEMAND IMPROVED DAILY THROUGH PERIOD AS WHOLESALE BEEF PRICES IMPROVED, ALTHOUGH BUYING INTERESTS STILL CAUTIOUS WHEN BIDDING ON THE INCREASED SUPPLY OF STEERS SCALING OVER 1300 LBS. OVERALL FINISH CONTINUED ATTRACTIVE. SLAUGHTER COWS

STEADY TO 1.00 HIGHER. SLAUGHTER BULLS STEADY.

ESTIMATED FIVE DAY RECEIPTS 6,200; ACTUALS LAST WEEK 5,721; LAST YEAR 7,165. STEERS COMPRISED 46 PERCENT OF THE WEEK'S RECEIPTS; HEIFERS 40 PERCENT; COWS 8 PERCENT AND FEEDERS 5 PERCENT.

SLAUGHTER STEERS: (CLOSING PRICES) CHOICE 2-4 1100-1375 LBS 64.50-66.00 GOOD AND CHOICE 2-3 1050-1250 LBS 63.00-64.50 GOOD 61.50-63.00.

SLAUGHTER HEIFERS: (CLOSING PRICES) CHOICE 2-4 975-1200 LBS 64.00-65.00 GOOD AND CHOICE 2-3 925-1050 LBS 61.50-64.00 GOOD 60.00-61.50.

AVERAGE OF LS-214 DETAILED QUOTATIONS FOR 900-1100 LBS

CHOICE STEERS 64.42; 1100-1300 LBS 65.04; 900-1100 LBS CHOICE HEIFERS 64.17. AVERAGE COST AND WEIGHT.

SLAUGHTER STEERS SLAUGHTER HEIFERS THIS WEEK CHOICE 64.80 1226 LBS 63.88 1094 LBS GOOD 62.31 1273 LBS 62.18 1056 LBS ALL 64.28 1237 LBS 63.58 1086 LBS.

LAST WEEK CHOICE 64.97 1218 LBS 63.64 1093 LBS GOOD 62.17 1246 LBS 62.06 1064 LBS ALL 64.34 1225 LBS 63.31 1087 LBS.

SLAUGHTER COWS: (CLOSING PRICES) CUTT, UTIL, COMM 2-3 BULK HI DRESS LO DRESS BONING 44.50-48.00 50.00 CANNER & CUTTER 42.00-44.50 38.50.

SLAUGHTER BULLS: (CLOSING PRICES) YIELD GRADE 1-2 BULK HI DRESS LO DRESS 1650-2050 LBS. 55.00-59.50 48.75.





RAT FOR RAT ASSAULT® IS NEARLY 400% LESS EXPENSIVE.*

**Concentrated ASSAULT wrecks havoc
on other rodenticides in pounds
of bait needed to kill 150 rats.**



And dollars saved.

	Number of rats killed	Cost per pound	Pounds needed	Total Cost	Cost per rat
ASSAULT®	150	\$8.55	2.5	\$ 21.38	14.2¢
Havoc®1	150	\$5.00	20.3	\$101.50	67.7¢
d-Con®2	150	\$3.60	23.4	\$ 84.24	56.2¢
Just One Bite™3	150	\$5.55	15.4	\$ 85.47	56.9¢

*Based on Buying For The Farm, January 1987. Bait prices may vary depending upon location.

ASSAULT

- Kills rats faster—nearly three times faster than the nearest competition.
- Kills with one feeding through a different mode-of-action.
- Kills rats resistant to anti-coagulant rodenticides.

- Is preferred by rats over grain or feed.
- Causes no toxicity problems if pets eat a rat that has consumed ASSAULT.

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Just One Bite is a Reg. TM of Farnam Companies Inc.

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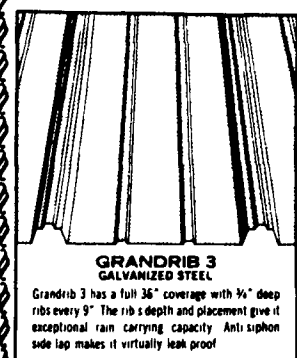
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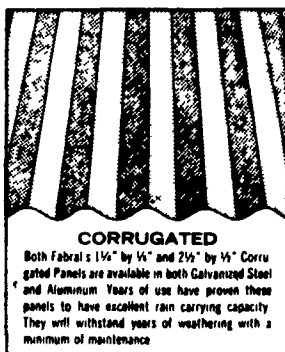
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Whether used alone or incorporated with other building materials, Fabral Roofing and Siding Panels provide the attractive appearance required for today's off-farm building. Their engineered profile design and high strength metal make them extremely strong and durable. Available in a variety of attractive colors, Fabral's painted panels have a baked on weather resistant finish that retains its original beauty for years. To complete the building, Fabral stocks a full line of color matched accessories and fasteners.



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Both Fabral's 1 1/2" by 1/2" and 2 1/2" by 1/2" Corrugated Panels are available in both Galvanized Steel and Aluminum. Years of use have proven these panels to have excellent rain carrying capacity. They will withstand years of weathering with a minimum of maintenance.

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Corrosion Resistant Materials Co.
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Alcan Building Products
A Division of Alcan Aluminum Corporation

Keister's Livestock

Middleburg, Pa.

Tuesday, Nov. 17, 1987

Report supplied by PDA

CATTLE 491. COMPARED WITH LAST WEEK'S MARKET: SLAUGHTER STEERS AND COWS UNEVEN, ABOUT STEADY. HIGH CHOICE & PRIME SLAUGHTER STEERS 65.75-67.25, CHOICE 1100/1500 LBS. 61.00-65, COUPLE 66.50, GOOD 58.00-61; FEW CHOICE HOLSTEINS 57.50-61.25, COUPLE PRIME 63.00&64, GOOD 55-57.75; STANDARD 49.00-55.00. CHOICE SL. HEIFERS 58.00-61, COUPLE 64.00, FEW DOWN TO 54.00, GOOD 53-57.50. BREAKING UTILITY & COMMERCIAL SL. COWS

43.50-47.50, FEW BEEF BREED 54.00, CUTTER & BONING UTILITY 41.50-44.50, FEW 46.00, CANNER & LOW CUTTER 37.75-42, SHELLS DOWN TO 33.75. FEW CHOICE SL. BULLOCKS 58.00-61, FEW GOOD 55-58.75. YIELD GRADE NO. 1, 1000-1630 LBS. SL. BULLS 50.25-58.00. FEEDER CATTLE: MEDIUM FRAME NO. 1, 350-700 LBS. STEERS AND BULLS 62.00-74.00.

CALVES 174. FEW CHOICE VEALERS 86.00-98, FEW GOOD 80.00-85, STANDARD AND GOOD 75-100 LBS. 80.00-88, UTILITY 60-80 LBS. 72.00-80.00. FARM CALVES: HOLSTEIN BULLS 90-130 LBS. 88.00-132.00, MOSTLY 110.00-128.00;

HOL. HEIFERS 100-115 LBS. 84.00-100.00. FEW BEEF CROSS BULLS & HEIFERS 90-110 LBS. 94.00-107.00. HOGS 421. BARROWS AND GILTS STEADY TO .75 HIGHER. US NO. 1, 220-245 LBS. 44.00-46, 1-2 210-240 LBS. 43.00-44, 2-3 200-250 LBS. 41.00-43, 2-4 190-270 LBS. 37.00-41.00. US NO. 1-3 285-650 LBS. SOWS 34-37.50, FEW 40.00, 2-3 300-575 LBS. 30.00-34.00. BOARS 30.00-31.00.

FEEDER PIGS 524. US NO. 1-3 20-35 LBS. FEEDER PIGS 22.00-28.00, 35-50 LBS. 27.00-35.00, 50-65 LBS. 34.00-38.00 -- ALL PER HEAD.

SHEEP 15. CHOICE 70-100 LBS. WOOL SLAUGHTER LAMBS 65.00-74, FEW NEW CROP LAMBS 35-60 LBS.

100.00-145.00. FEW SLAUGHTER EWES 29.00-34.00.

GOATS 13. FEW LARGE 31.00-100.00, FEW MEDIUM 20.00-30.00 -- ALL PER HEAD.

Four States Livestock

Hagerstown, Md.

Tuesday, Nov. 17

Report supplied by Auction

SLAUGHTER - COWS GOOD RUN 50 CENTS HIGHER. HIGH YIELD 45.00-47.00; UTILITY 41.00-45.00; CANNERS 38.00-42.00; SHELLY 38.00 DOWN. BULLS NO GOOD OFFERED; MEDIUM 48.00-51.50; FED STEERS - GOOD-LOW CHOICE 54.00-60.00; STANDARD 45.00-51.00. FED HEIFERS - LOW CHOICE TO 57.50; GOOD 50.00-54.00. VEAL CALVES HIGH CHOICE 200-335 LBS. \$104.00; GOOD-LOW CHOICE 70.00-87.00; STANDARD 55.00-70.00; KILLERS 80-100 LBS. 83.00-89.00; 50-80 LBS. 75.00-84.00. FARM CALVES: HOLSTEIN BULLS GOOD DEMAND. 100-125 LBS. 110.00-125.00; 90-95 LBS. 95.00-110.00. HOLSTEIN HEIFERS 100-125 LBS. 99.00-110.00. BUTCHER HOGS 40 HEAD. US #1 & 3 220-245 LBS. 40.00-40.60; 1 LOT 280 LBS. 38.50; FEW 300-350 LBS. 43.00-46.50. SOWS 35 HEAD 325-500 LBS. 34.00-40.00; 500-700 LBS. 34.00-36.50. BOARS 400-600 LBS. 29.00-30.00. STOCK BOARS 200-300 LBS. 27.00-33.00, 150-200 LBS. 29.00-39.00.

STOCK CATTLE: 120 HEAD. ACTIVE, \$2 HIGHER. STEERS 300-500 LBS. 70.00-74.00; 500-700 LBS. 65.00-73.00; 700-850 LBS. 56.00-65.00; 850-1050 LBS. 57.00-63.00. HOLSTEINS 400-800 LBS. 56.00-61.00. HEIFERS 300-500 LBS. CHOICE 65.00-73.00, GOOD 56.00-65.00; 500-700 LBS. 55.00-64.00; 700-900 LBS. 52.00-60.00. BULLS 300-500 LBS. 70.00-74.00; 500-700 LBS. 53.00-65.00. LAMBS \$5 HIGHER CHOICE 100-115 LBS. 63.00-70.00; CHOICE 55-90 LBS. 75.00-81.00; GOOD 58.00-63.00; YEARLINGS 38.00-39.00. SHEEP 21.00-27.00; SEVERAL TO 33.50; GOATS STRONG DEMAND LARGE 50.00-62.00; MEDIUM 40.00-50.00. PIGS & SHOATS 220 HD. PRICES LOWER. BY THE HEAD. 20-30 LBS. 15.00-22.00, 35-50 LBS. 23.00-34.00; 60-80 LBS. 30.00-37.00. BY THE LB. 85-100 LBS. 41.00-47.50; 150-180 LBS. 35.00-38.00.

HAY SALE - 14 LOADS - ALFALFA, \$92.50-\$118/TON; TIMOTHY, \$95/TON; MEADOW GRASS, \$55/TON; STRAW, \$78-\$92.50/TON; WOOD \$53/CORD.

THANKS FOR YOUR SUPPORT IN THIS FALL'S SPECIAL FEEDER SALES. SALE AS USUAL NOV. 24.

Greencastle Livestock

Greencastle, Pa.

Monday, Nov. 16, 1987

CATTLE 647. SLAUGHTER STEERS: HIGH CHOICE 64.00-67.50; GOOD & CHOICE 62.50-66.50; GOOD & CHOICE - HOLSTEIN 54.00-60.75; STANDARD & GOOD - HOLSTEIN 50.00-55.25. SLAUGHTER HEIFERS: CHOICE 63.00-66.75; GOOD & CHOICE 60.50-64.75; STANDARD & GOOD 55.00-61.00. COWS: UTILITY & COM-

MERCIAL 45.00-50.75; CUTTER & BONING UTILITY 43.00-47.75; CANNER & LOW CUTTER 43.50 & DOWN. BULLS - ALL WEIGHTS: YIELD GRADE 1 56.50-63.00; YIELD GRADE 2 50.00-57.00. STOCKER CATTLE - ALL WEIGHTS: STEERS - MEDIUM & GOOD 70.00-90.00; HEIFERS - MEDIUM & GOOD 60.00-70.00; BULLS - MEDIUM & GOOD 58.00-72.00; STEERS - HOLSTEIN 49.00-58.00.

CALVES 523. GOOD & CHOICE 125-250 LBS. 100.00-118.00; MEDIUM & GOOD 125-250 LBS. 80.00-100.00; MEDIUM & GOOD 80-120 LBS. 86.00-95.00; LIGHT & CULL - ALL WEIGHTS 86.00 & DOWN; HOLSTEIN BULLS - RETURN TO FARM UP TO 135.00; HOLSTEIN HEIFERS - RETURN TO FARM UP TO 140.00.

LAMBS, SHEEP & GOATS 90. CHOICE LAMBS 63.00-67.00; MEDIUM & GOOD LAMBS 60.00-66.00; LIGHT & CULL LAMBS 67.00-77.50; SHEEP, EWES & BUCKS 22.00-40.00, GOATS - ALL SIZES (BY HEAD) SMALL 15.00-32.00, LARGE 32.00-60.00.

HOGS 162. NO. 1-3 BUTCHER HOGS - 190-225 LBS. 39.00-40.75; NO. 1-3 BUTCHER HOGS - 225-250 LBS. 39.50-40.50, NO. 1-3 BUTCHER HOGS - 250-300 LBS. 36.00-40.00; GOOD BUTCHER SOWS - 400 LBS. DOWN 35.00-41.50, GOOD BUTCHER SOWS - 400 LBS. UP 36.00-42.00; HEAVY BOARS - OVER 300 LBS. 29.00-29.75, SMALL 27.00-35.00; PIGS - ALL SIZES (BY HEAD) 16.00-36.50.

SALE EVERY MONDAY AFTERNOON AT 3:30 P.M. & THURS. AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURS. AT 11:30 A.M.

17 LOADS OF HAY
TIM. & MIXED 70.00-95.00/TON, ALFALFA 120.00-131.00/TON

Valley Livestock

Athens, Pa.

Monday, Nov. 16, 1987

Report supplied by auction

HOLSTEIN HFR. CALVES TO 117.00. VEAL CALVES TO 83.00. VEALER BULL CALVES TO 128.00. SLAUGHTER CALVES 75.00-85.00. GRASSERS & FEEDERS 40.00-55.00. LAMBS 60.00-79.00. SHEEP 18.00-37.00. HOGS, 200 TO 250 40.00-43.50. SOWS 32.00-37.50. BOARS 25.00-27.00. PIGS, EACH 15.00-23.00. HEIFERS 42.00-50.75. STEERS, MEDIUM 42.00-47.50. STEERS, FEEDER 45.00-65.00. BULLS 44.00-50.00. COWS, UTILITY 44.00-46.25. COWS, FAT 43.00-46.00. COWS, MEDIUM 39.00-41.00. COWS, POOR OR SMALL 28.00-35.00.

CATTLE MARKET STEADY. CALF MARKET STEADY. HORSES, EACH, SMALL TO 130.00. GOATS, EACH, TO 67.00. FEEDER SALE 1ST MONDAY OF EACH MONTH. DAIRY SALE 3RD THURSDAY OF EACH MONTH.

GARDEN SPOT TOBACCO AUCTION

TOBACCO MEETING
MONDAY, NOVEMBER 23, 1987 - 7:30 P.M.

At

THE NEW GARDEN SPOT TOBACCO AUCTION WAREHOUSE

Come to this tobacco meeting to get up to date information on this years tobacco market. Speakers will include Bob Anderson, Lancaster Co. Extension Agent.

OPENING SALE DATES

Tuesday, December 8 - 9 A.M.

Thursday, December 10, 1 P.M.

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Zipper Front - Extra
Insulation - Suitable For
The Coldest Weather
\$49.95

Waterproof



These Boots Run Large To Fit Over Heavy Socks
Order Same As Shoe Size - Available Size 6-13

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Address _____			
City _____		State _____	Zip _____
Toplace Insulated	Size	Price Each	
Zipper Insulated		\$42.95	
Toplace Not Insulated		\$49.95	
		\$27.95	
		Total	
Send To		NY 6% Sales Tax	
W-R Supply Co. RD 4, Box 155, Norwich, NY 13815 607-336-6987 We Ship In 24 Hours		Amount Enclosed	

New Holland Sales Stables

New Holland Dairy

Wednesday, Nov. 18, 1987

Report supplied by auction

NEW HOLLAND SALES STABLE WILL BE CLOSED THURSDAY, NOVEMBER 26.

REPORTED RECEIPTS OF 122 COWS, 81 HEIFERS, AND 9 BULLS. MARKET STRONGER.

LOAD OF CANADA FRESH COWS, 860.00-1100.00, SPRINGERS 800.00-1225.00.

LOAD OF PA FRESH COWS, 835.00-1075.00.

LOAD OF PERRY CO. FRESH COWS, 885.00-1300.00.

LOAD OF WISC. FRESH COWS, 975.00-1500.00.

LOAD OF PA FRESH COWS, 975.00-1210.00.

LOAD OF CANADA FRESH COWS, 925.00-1275.00; SPRINGERS 950.00-1075.00.

HERD OF 42 HD. ALL STAGE COWS 625.00-1700.00.

LOCALLY CONSIGNED COWS 485.00-1260.00.

SPRINGING HEIFERS 735.00-1000.00.

PUREBRED 850.00-1175.00.

OPEN HEIFERS 310.00-560.00.

BULLS 525.00-1025.00.

New Wilmington Livestock Auction

New Wilmington, Pa.

Monday, Nov. 16, 1987

Report supplied by PDA

CATTLE 387. COMPARED WITH LAST WEEKS MARKET: SLAUGHTER COWS \$1.25 TO \$2 HIGHER. FEW CHOICE SL. STEERS 62-64.25, GOOD 58-61.25, STANDARD 52.00-57, FEW UTILITY 49.50-51.50. CHOICE SL. HEIFERS 59.00-62, GOOD 53.75-58.75, STANDARD 46.50-51.50. BREAKING UTILITY & COMMERCIAL SL. COWS 44-48.75, ONE 52.00, CUTTER & BONE UTILITY 40.75-45, FEW HIGH DRESSING 47.00, CANNER & LOW CUTTER 37.00-41, SHELLS DOWN TO 34.00. COUPLE STANDARD SL. BULLOCKS 50&51.50, UTILITY 43.00-48.00. YIELD GRADE NO. 1, 1300/2035 LBS SL. BULLS 49.75-54.25, FEW NO. 2,

1135/1410 LBS. 47.00-48.00. FEEDER CATTLE: MEDIUM FRAME NO. 1, 300/515 LBS. STEERS 69.00-75, 630/930 LBS. 55.50-63.00. MEDIUM FRAME NO. 1, 300/585 LBS. HEIFERS 56.50-63.50, 600/770 LBS. 48.50-58, MED. & LARGE #2, 340/660 LBS. 46.00-56.00. MEDIUM FRAME NO. 1-2, 530/850 LBS. BULLS 46.00-59.00.

CALVES 307. COUPLE CHOICE VEALERS 100.00, GOOD 84.00-98, STANDARD & GOOD 90/120 LBS. 92.50-98, 65/85 LBS. 80.00-97, ONE LOT UTILITY 58 LBS. 75.00, LOT 48 LBS. 54.00. FARM CALVES: HOLSTEIN BULLS 85/135 LBS. 95.00-135.00; HOL. HEIFERS 85/120 LBS. 102.00-110.00.

HOGS 515. BARROWS AND GILTS STRONG TO .75 HIGHER. US NO. 1-2 225/275 LBS. 40.00-42, LOT 43.00, 1-3 215/270 LBS. 39.50-41, 2-3 230/285 LBS. 36.50-39.60, 1-3 180/215 LBS. 37.50-39.00. SOWS ABOUT STEADY. US NO. 1-3 310/605 LBS. SOWS 37.00-43, FEW 2-3 330/575 LBS. 32.00-35.75. BOARS 30.00-31.50.

FEEDER PIGS 39. US NO. 1-3 25/35 LBS. FEEDER PIGS 24.00-36.00, 40/50 LBS. 37.00-44.00 --- ALL PER HEAD.

SHEEP 87. CHOICE & PRIME 90/115 LBS. WOOL SL. LAMBS 70.00-70, FEW DOWN TO 50.00; GOOD & CHOICE 45/85 LBS. FEEDER LAMBS 65.00-78.00. SLAUGHTER EWES 15.00-28.00.

GOATS 11. FEW LARGE 37.00-44.00, FEW MEDIUM 24.00-36.00 --- ALL PER HEAD.

Dewart Livestock

Dewart, Pa.

Monday, Nov. 16, 1987

Report supplied by PDA

CATTLE 276. COMPARED WITH LAST MONDAY'S MARKET: SLAUGHTER COWS UNEVEN, \$1 LOWER TO \$1 HIGHER. GOOD SL. STEERS 57.75-62.50, FEW STANDARD 43.25-56.00. FEW GOOD SL. HEIFERS 54.25-55, ONE CHOICE 62.85. BREAKING UTILITY & COMMERCIAL SL. COWS 43.50-47.60, FEW TO 48.35, CUTTER & BON. UTILITY 41.00-45, CANNER & LOW CUTTER 37-41.50, SHELLS DOWN TO 32.00. COUPLE CHOICE SL. BULLOCKS 62.00&65.00. YIELD GRADE NO. 1, 1075-1585 LBS. SL. BULLS 50.50-55.75, FEW NO. 2, 1030-1390 LBS. 43.35-51.75. FEEDER

CATTLE: MEDIUM FRAME NO. 1, 300-650 LBS. STEERS 71.00-81, FEW LARGE 2, 400-650 LBS. 60.00-69.00. MEDIUM FRAME NO. 1, 300-600 LBS. HEIFERS 58.00-68.00, COUPLE TO 73.00.

CALVES 241. FEW CHOICE VEALERS 88.00-105.00, STANDARD AND GOOD 75-100 LBS. 79.00-87.00, UTILITY 60-80 LBS. 70.00-80.00. FARM CALVES: HOLSTEIN BULLS 90-125 LBS. 90.00-137.00; HOLSTEIN HEIFERS 90-115 LBS. 90.00-120.00.

HOGS 35. ONE LOT US NO. 1-3, 210 LBS. BARROWS AND GILTS 40.30, ONE LOT 235 LBS. 39.60. US NO. 1-3 300-550 LBS. SOWS 36.00-40.00. COU-

PLE BOARS 30.25&30.50.

FEEDER PIGS 111. US NO. 1-3 25-45 LBS. FEEDER PIGS 20.00-28.00 --- ALL PER HEAD.

SHEEP 17. CHOICE 75-100 LBS. FALL LAMBS 67.00-76.00. FEW SLAUGHTER EWES 16.00-24.00. GOATS 0. NO MARKET TEST.

New Holland Horses

New Holland Sales Stables

New Holland, PA

Monday, Nov. 16, 1987

Report supplied by Auction

NEW HOLLAND SALES STABLE WILL BE CLOSED THURSDAY, NOVEMBER 26.

REGISTERED RECEIPTS OF 320 HEAD OF HORSES, MULES AND PONIES.

MARKET: STEADY.

LOCAL

DRIVING HORSES: 375.00-875.00.

BETTER RIDING HORSES: 250.00-500.00.

LIGHTWEIGHT KILLERS: 125.00-300.00.

HEAVYWEIGHT KILLERS: 350.00-475.00.

MARE PONIES: 30.00-65.00.

COLTS: 10.00-20.00.

GELDING PONIES: 30.00-65.00.

LARGER PONIES: 100.00-155.00.



EVERGREEN TRACTOR CO., INC.



ORDER DISC BLADE PROGRAM JOHN DEERE AND ALL MAKES.

SAVINGS FROM 3% TO 30%. PROGRAM ENDS DEC. 10, 1987



Part#	Size	Type	Equip Blade Will Fit	PRICE
A50055	22"	SPHERICAL	Crustbuster, Hutchinson, IHC, Krause, Steiger/Brinkley	\$19.50*
A50059	22"	Crimped Center	IHC 470, 480, 490 Series	\$19.50*
A50767	22"	Solid	Sunflower, Krause, Hutchinson, Miller/Mill Farm, Schaefer	\$19.50*

* Price good for complete reblading

SEE US FOR ALL YOUR TRACTOR AND EQUIPMENT PARTS.

TRACTORS:

JD 4010 w/wide front.....	\$5,450
JD 148 Loader for a 2640 or 2840	
Tractor.....	\$2,850
JD 3020 Gas, Side Console.....	\$5,850
JD 4020 w/JD R.G., Cab, sharp.....	\$9,250
JD 575 Skid Steer Diesel, almost new	
JD 2840.....	\$11,500
JD 4430, QR, Fender Tractor.....	\$12,300
JD 60 Skid Steer, new engine.....	\$4,500
JD 1530 Diesel.....	\$7,950
IH 1486 Cab Tractor w/Duals	
JD 2640 Diesel.....	\$10,900
JD 3020 Syncro.....	\$7,400
JD 2030 Diesel.....	\$7,850
JD 2955 2 Wheel Drive, Demo, 4 Post, Side Shift, Good Buy.....	\$21,450
JD 2640 w/15.5x38 and Roll Guard.....	\$10,500
(New) JD 900 Hi-Crop.....	SPECIAL \$7,650
JD 2510 Diesel Wide Front.....	\$6,450
JD #4520, Power Shift w/Cab	

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head.....	\$2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.	
NI 324 2 Row Wide 12 Row 327 bed..	\$3,950
NI 818 combine with 13' flex head. Sharp	
#244 Corn Head	
#244 Corn Head	
13' Grain Table	
(2) #444 Corn Heads	
NI 2 row narrow w/sheller, A1.....	\$3,950
(2) 653 6 Row Bean and Sunflower Head	
4400 Combine Chopper	
6600 Combine Chopper	
JD #243 2 Row 30" Snapper Head.....	\$2,350
JD 300 Husker, Choice of Heads	
NI Picker, 2 Row Narrow 12 Roll Bed, Nice.....	\$5,800
NI #323 1 SOLD -ker, sharp	
JD 13' Grain Head w/floating bar	
JD #343 3 Row 30" Corn Head	
#454 Bean Head 4 Row Wide	
1978 JD 4400 Combine, Loaded	

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD #1010 12 1/2' Pull Type Field Cultivator.....	\$2,250
JD #940 12 1/4' S-Tine Pull Type Field Cultivator.....	\$1,875

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE... (Dealer Inquiries Welcome)

HARVESTERS & FORAGE EQUIPMENT:

NH 479 Haybine.....	\$2,750
NH 272 Baler w/58 thrower, nice.....	\$3,850
Harvester Adapter Plate for #243	
Corn Head.....	\$300
Gehl #72 Flail Chopper.....	\$2,450
JD #336 Baler w/Chute.....	\$3,650
Brady #144 4 Row Stalk Shredder	
NH #469 Haybine	

TILLAGE:

JD 7B 2500 Plow.....	\$3,950
JD 1450 5x16 Plow.....	\$1,950
JD F845 Roll Over Plow (New).....	\$2,850
Brillion 9' Packer.....	\$425
JD 2500 5-18" Auto Reset Plow.....	\$3,250
JD 1450 5-18" Plow, Sharp.....	\$1,950
JD RM 4 Row Cultivator.....	\$975
JD F125 4-16" Plow.....	\$950
Brillion 14' Packer w/Transport Model TP.....	\$2,150
JD 16' Wing Fold Field Cultivator.....	\$1,450
JD BWF 18' Wing Fold Rock Flex.....	\$2,650
Brillion 16' Packer w/Transport.....	\$1,950
JD F350 5-16" Hyd. Reset Plow.....	\$2,350
JD RM 4 row Cultivator.....	\$1,050
IH Model 45 Vibra-Shank 12.....	\$1,450
MF 11' Transport Disc, Model 520, nice.....	\$2,350
JD Model 1610 14' Chisel Plow.....	\$2,650
Brillion 14' Packer w/Transport.....	\$1,850
JD 18' Hydraulic Fold Field Cultivator.....	\$2,275
IH 3-16" Auto Reset Plow.....	\$1,450

MISCELLANEOUS:

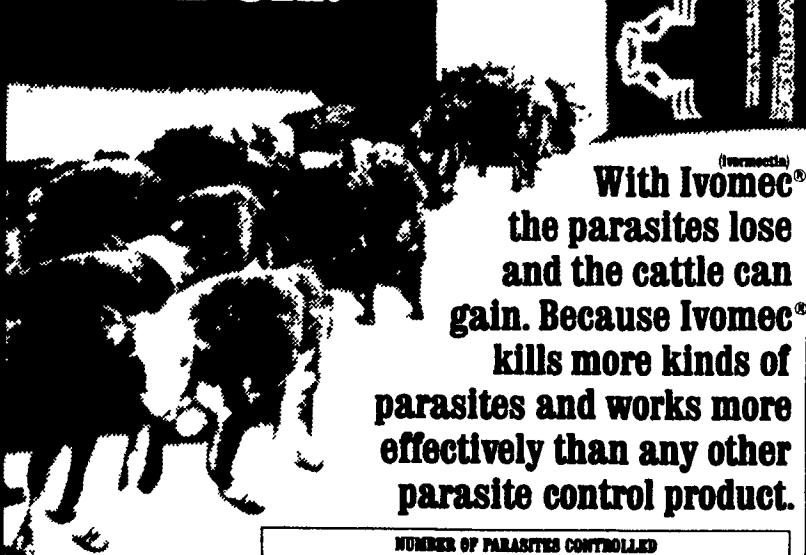
18.4x38 Direct Axle Dual Wheels	
14.9x38 Direct Axle Dual Wheels	
14.9x24 SOLD duals	
JD 26' Implement Trailer.....	\$1,875
Kelley Loader for JD Row Crop.....	\$1,650

PLANTERS & GRAIN DRILLS:

IH 564, 4 Row Planter.....	\$1,450
JD 20x6 Model B Plain Grain with Grass D.D.	
JD 20x7 Model B Plain Drill, Double Disk.....	\$1,850
JD 1300 6 Row Planter, sharp.....	\$3,450

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New JD Weather Shields For 2840 Tractors
Part #AR86081
List \$317 **SPECIAL \$140**

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NUMBER OF PARASITES CONTROLLED			
	IVOMEC [®]	TRANTHOL [®]	WARREX [®]
MATURE WORMS	13	9	—
IMMATURE WORMS	11	0	—
LICE	3	—	3
GRUBS	2	—	2
MANGE	2	—	0
TOTAL	31	—	14

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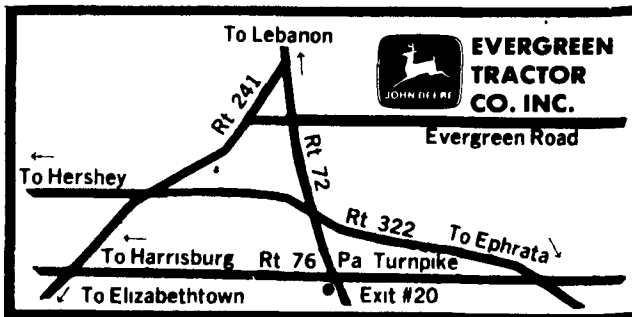
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1973 IH Model 1910A Truck-Tractor, gas, V8, 5+2, wetline, single axle, in use at dealership, good solid truck
JD 4420 Combine w/low tin
#443 Corn Head
(2) NH #469 Haybine
Brillion 12' Roller Harrow, new style
Zimmerman 9' Hay Tedder



30 Evergreen Rd., Lebanon, PA. (717) 272-4641 or Toll Free 1-800-441-4450

Produce Markets

Leola Produce Auction

Leola, PA

Tuesday, Nov. 17, 1987

Report Supplied by Auction

LAST SALE DAY OF THE SEASON:

TUES., NOV. 24.

APPLES: (STAYMAN) 7.00-9.25 BU.,

(RED DELICIOUS) 5.00-5.75 BU.,

(OZARK GOLD) 5.00-6.25 BU., (ROME

BEAUTY) 3.50-4.00 BU.

BROCCOLI: 7.00-18.00, MOSTLY

12'S & 14'S.

CABBAGE: 20-30 HD., 3.00-5.00 50#

CRATE.

CAULIFLOWER: 10-86 HD.

CHINESE CABBAGE: 2.50-3.50, 6-8

CT.

CIDER: .75 GAL.

ONIONS: 12.00 25 CT. BUNCH.

POTATOES: 3.00-5.25 50#, #1.

PUMPKINS: (NECK) 30-80 EA.

SPINACH: 6.00-9.00 BU., 13#.

SQUASH: (BUTTERNUT) 1.50-3.75 1

1/9 BU.

SWEET POTATOES: 4.00-6.75 1 1/9

BU.

TOMATOES: 10.00-22.00 25#, #1.

TURNIPS: 2.00-4.00 25# BAG.

WALNUTS: (ENGLISH) 2.00-3.00 1/2

BU.

Shippensburg Produce Auction

(717) 530-1700

Shippensburg, PA

Thurs., Nov. 12

Sale held Thursdays only

Report Supplied by Auction

APPLES 1.25-1.75 1/2 BU.

CAULIFLOWER .30-.56 HD.

CIDER 1.00-1.25 GAL.

POTATOES (10#) .85-1.00; (50#)

4.00-4.35.

SQUASH 3.00-4.00 BU.

SWET POTATOES 2.00-3.25 1/2 BU.

TURNIPS 1.00-1.75 1/2 BU.

Philadelphia Vegetables

Wednesday, November 18, 1987

ARTICHOKES CA carton 36s 18.00 one

lot 36s 23.00 48s 21.00-22.00*.

ASPARAGUS ABOUT STEADY

CHILE 12-lb crate & carton loose &

bunched jumbo 27.00 extra-large & large

27.00-28.00 MEXICO 13-1/2-lb carton

large 25.00 CA 13-1/2-lb carton bunched

12s Select 22.00-23.00 extra-fancy & fancy

20.00 small 18.00*.

BEANS SLIGHTLY HIGHER various

bushel containers Round green type unless

otherwise stated FL including hand picked

18.00 few 22.00*.

BEETS TX crate bunched 12s 600 NJ

25-lb sacks 550*.

BROCCOLI ABOUT STEADY carton

bunched CA 14s 11.00-13.00 few 10.00 18s

11.50-12.50 CO 14s 12.00 18s 13.00*.

CABBAGE ABOUT STEADY 1-3/4

bushel crate & carton medium green unless

otherwise stated NC 600 some 650 Red 700

NJ medium-large 450-500 Red small-

medium 6-650 PA small-medium 550-600

small 450-500 NY sacks large 4-450

medium 5-550 LI medium 6-650 Savoy

type 800 Red medium 650-700 CA 45-lb

carton Red 900*.

CARROTS ABOUT STEADY 48-1 lb

film bags in film sacks CA medium-large

850-950 few 10.00 CANADA medium

600-700 50-lb sacks loose jumbo CA 500-

600 CANADA 450-550*.

CAULIFLOWER SLIGHTLY HIGH-

ER carton film wrapped CA 12s

12.00-14.00 few 15.00 one label few 16.00

jacket pack LI Long Island crate 12s

10.00-11.00 some 12.00*.

CELERY ABOUT STEADY carton CA

1-1/2 dozen 900-11.00 mostly 10.00 2

dozen 10.00-11.00 some 950 2-1/2 dozen

10.00-11.50 mostly 10.50-11.00 3 dozen

10.00-11.00 4 dozen 10.00 FL 2 dozen 900

Hearts CA film wrapped 14.00*.

CHINESE CABBAGE celery crate NJ

600-800 PA 800*.

CORN ABOUT STEADY wire bound

crate approximately 4-1/2-5 dozen FL Yel-

low 700 fair condition 500-600 White 900

few 800 fair condition 500-600*.

CUCUMBERS SLIGHTLY LOWER

1-1/9 bushel carton waxed medium unless

otherwise stated FL 11.50-12.00 mostly

12.00 fair quality 600 few higher large

600*.

EGGPLANT ABOUT STEADY bushel

carton medium FL 800-900 TX medium

800*.

ENDIVE ABOUT STEADY 1-1/9

bushel crate NJ 7-750 FL 900*.

ESCAROLE ABOUT STEADY NJ

1-1/9 bushel crate 750 FL 1-1/9 bushel crate

few 10.00*.

GREENS ABOUT STEADY crate &

carton approximately 1-1/2 bushel bunched

unless otherwise stated VA Turnip Tops

700 PA Collards, Mustard, Turnip Tops,

Kale & Rape 550-600 NJ Collards, Mus-

tard, Turnip Tops, Kale & Rape 550-600

few 500 Swiss Chard Green & Red 600-700

TX crate bunched 24s Kohlrabi Swiss

Chard & Dandelion 800 CA carton bunched

24s Swiss Chard Red & Green 10.00 AZ

carton bunched 18s Broccoli Rabe few

30.00*.

LEEK NJ 4/5 bushel crate 12s

10.00-13.00*.

LETTUCE-ICEBERG ABOUT STEADY carton 24s unless otherwise stated CA 33.00- 36.00 film wrapped including few 30s 32.00-34.00 small 30.00 one label 24s 37.00 NJ fair quality few 20.00*.

LETTUCE-ROMAINE SUPPLIES LIGHT CA 24s crate few 27.00 carton few 25.00 FL 1-1/9 bushel crate 18.00-20.00*.

LETTUCE-OTHERS Big Boston NJ crate 24s 15.00 fair 11.00-12.00 CA carton 24s 20.00 Bibb NJ crate 24s 800 Leaf CA carton 24s Red & Green 17.00-20.00 mostly 18.00-20.00 few 21.00 NJ crate 24s 12.00*.

LETTUCE-PROCESSING No supplies*.

OKRA Supplies insufficient to quote*.

ONIONS-GREEN ABOUT STEADY

NJ crate 48s 750-800 MEXICO carton 48s

700-800 few 600 fair condition 400*.

PARSLEY SUPPLIES LIGHT bunched

5 dozen curly unless otherwise stated NJ

bushel basket 10.00-12.00 Plain 14.00 FL

1-1/9 bushel crate 10.00-12.00 CA carton

10.50*.

PEAS-GREEN No supplies*.

PEAS-SOUTHERN Supplies insuffi-

cient to quote*.

PEAS-SUGAR SUPPLIES LIGHT

10 lb carton per lb GUATEMALA

290-300 few 280*.

PEPPERS ABOUT STEADY 1-1/9

bushel carton California Wonder type

green unless otherwise stated FL large 900

medium 600-700 GA medium-large 700

TX large 800-900 medium-large 700*.

RADISHES ABOUT STEADY carton

Red 30-6 oz film bags unless otherwise

stated FL 800-900 14-1-lb film bags 800

carton bunched 24s CA 850*.

SPINACH ABOUT STEADY Savoy

type NJ 1-1/4 bushel crate 600-700 PA

1-1/4 bushel crate 600 CA Flat type carton

bunched 24s 10.00*.

SQUASH SUPPLIES LIGHT 1/2 bushel

carton FL Yellow Straightneck one lot few

18.00 TX Zucchini small few 12.00 NJ

bushel carton Butternut 400-500 mostly 500 Acom 500 CA carton Spaghetti 10-12 few 14.00*.

SWEET POTATOES ABOUT STEADY NJ no grade mark 1/2 bushel carton Yellow Jersey 600-700 mostly 650-700 NC 50-lb carton Jewel type cured 12.00*.

TOMATOES ABOUT STEADY 25-lb carton Pink to light Red US Combination grade or better unless otherwise stated Sales by Repackers FL 5x6s 21.00 6x6s 20.00 Sales by Others FL 5x6s 20.00 fair quality 16.00-18.00 6x6s 18.00 fair quality 15.00-17.00 6x7s 16.00 fair quality 13.00-14.00 CA fair quality 5x6s 19.00 some 20.00 6x6s 17.00-18.00 Cherry type 12-1 pt flat FL 10.00-12.00 CA 13.00 MEXICO 11.00-11.50*.

TURNIPS topped PA 25-lb sacks medium 400 NJ bushel basket medium 700 large 500-600 mostly 550*.

Greencastle Livestock

Greencastle, Pa.

Thursday, November 19

Report supplied by Auction

CATTLE: 361. Good & Choice steers 60.00-64.00; Good & Choice holsteins 53.00-56.00; Standard 48.50-53.50; Choice heifers 62.00-65.25; Breaking Utility & Commercial cows 45.00-48.00; Cutter & Boning 43.00-47.75; Canner & Cutter 39.00-43.00; YG 1 bulls 54.00-58.00; No. 2, 49.00-54.75.

FEEDER CATTLE: Steers Med. 1, 60.00-75.00; Large 2, 50.00-56.00; heifers few Med. 1, 55.00; bulls Med. 1, 55.00-64.00.

CALVES: 441. Good & Choice 90.00-99.00; Good 78.00-90.00; Standard & Good 80-120 lb. 70.00-85.00; hol. bulls 90.00-128.00; heifers 90.00-120.00.

HOGS: 69. US 1-3, 225-250 lb. barrows & gilts 40.00-41.00; 2-3, 250-300 lb.

35.00-40.00; sows US 1-3, 300-400 lb 32.00-37.00; 400-600 lb. 34.00-38.00; boars 30.00-30.25.

FEEDER PIGS: 30 US 1-3, 30-50 lb. 21.00-31.00 per head.

SHEEP: 19. Good wool lambs 65.00-67.00; few 74.00; sl. ewes 28.00-31.00.

Penns Valley Livestock

Centre Hall, Pa.

Tuesday, Nov. 17

Report Supplied by Auction

BEEF COWS: UTILITY AND COMMERCIAL 42.50-47.75; CUTTERS 40.00-42.00; CANNERS 36.00-39.00; SHELLS 35.00.

HEIFERS: STANDARD 50.00-52.00;

COMMERCIAL 45.00-49.50.

STEERS: GOOD 52.00-56.50; STAN-

DARD 45.00-48.00.

BULLS: GOOD 50.00-52.00.

FEEDER CATTLE: 300-500 LBS.

LARGE FRAME 54.00-68.50; 300-500

LBS. SMALL FRAME 49.00-60.00;

500-700 LBS. LARGE FRAME

52.00-64.00; 500-700 LBS. SMALL

FRAME 50.00-59.00.

VEAL CALVES: GOOD 90.00-96.00;

STANDARD 79.00-89.00; UTILITY

69.00-78.00.

FARM CALVES: BULLS

90.00-120.00; HEIFERS 90.00-99.00.

HOGS: 40.75-46.00.

SOWS: 35.00-38.50.

BOARS: 23.00-30.00.

SHOATS: 25-30 LBS. PER HEAD

18.00-22.00; 30-35 LBS. PER HEAD

23.00-28.00; 35-50 LBS. PER HEAD

27.00-31.00.

LAMBS: 55.00-76.00.

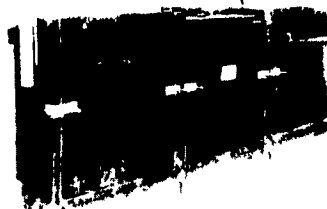
SHEEP: 18.00-33.00.

GOATS PER HEAD: 28.00-49.00.



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Gunite Construction • Precast Concrete Products
Bridge Repair • Tank Repair • Holding Tanks • Installation • Pre-Qualified by PennDot

Central U.S.

Carlot

Pork Report

Wednesday, Nov. 18

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 P.M. COMPARED TUESDAYS 3:P.M. CLOSE: FRESH PORK LOINS 14-18# 1.00-3.00 HIGHER; BOSTON BUTTS STEADY TO 1.00 LOWER; SKD HAMS 1.00-2.50 LOWER; SDLS BELLIES STEADY TO 1.00 LOWER.

TRADE MODERATE TO ACTIVE, DEMAND AND OFFERINGS MODERATE.

US #2 175 LB. HOG CARCASS DECLINED .72 TO \$58.16 P/CWT.

LOADS PORK CUTS 53.00.

LOADS TRIM/PROCESS PORK 11.00.

PORK CUTS-

FOB OMAHA BASIS

LOINS, REGULAR, FRESH 14-18 LBS. 4.0 LDS. 70.00-76.00.

18-22 LBS. 69.00-75.00 A.

22/UP 70.00 C.

BNLS. CENTER CUT LOIN 1.0 LD. 170.00-189.00.

TENDERLOINS

2/BAG 0.5 LD. 265.00-289.00.

PICNICS

4-8 LBS. 45.00 A.

8/UP 45.00 A.

BOSTON BUTTS

4-8 LB. 6.0 LDS. 54.50-60.00.

SPARERIBS,

FRESH

1.5-3.5 LBS. 0.5 LD. 99.00

3.5-5.5 LBS. 75.00 B.

SPARERIBS,

FROZEN

1.5-3.5 LBS. 100.00 A.

3.5-5.5 LBS. 75.00 E.

LOIN BACKRIBS

1.5/DN LBS. 221.00-230.00 B.

1.75/DN LBS. 215.00 B.

1.75-2.25 LBS. 185.00 B.

HAMS, SKINNED,

FRESH

14-17 LBS. 95.50 A.
17-20 LBS. 25.0 LDS. 88.00-89.75.
20-26 LBS. 4.0 LDS. 78.00-81.00.
26-32 LBS. 75.00-76.00 B.
32/UP LBS. 1.0 LD. 68.50.

BELLIES, SDLS, SKIN ON, FRESH

10-12 LBS. 43.00 D
12-14 LBS. 1.5 LDS. 45.00-47.00
14-16 LBS. 1.5 LDS. 45.00-47.00
16-18 LBS. 2.0 LDS. 43.00
18-20 LBS. 4.0 LDS. 36.00
20-25 LBS. 2.0 LDS. 31.00-32.00

PORK TRIMMINGS/BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH 27.50 A.
BOXED FROZEN 2.0 LDS. 29.00
COMBO 72% FRESH 2.0 LDS. 64.00
BOXED FROZEN 2.0 LDS. 66.00

BONELESS PICNIC MEAT

COMBO 72% FRESH 4.0 LDS
45.50-68.00.
BOXED 72% FROZEN 72.00-72.50 A.

SKINNED JOWLS

COMBO FRESH 1.0 LD. 23.00
BOXED FROZEN 23.50 A.

CURED AND PROCESSED MEATS

HAMS, SMOKED, SKINNED,

WATER ADDED

16-19 LBS. 91.00-120.00.

19-23 LBS. 89.00-119.00

PICNICS, SMOKED, WATER ADDED

4-7 LBS. 63.00-82.00.

BACON, SLICED,

VAC. PACK

1# PKG. 96.00-162.00.

ABCDE AFTER QUOTES REPRESENT DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS

Joliet Cattle

Des Moines, Iowa

Tuesday, November 17, 1987

REPORTED SALES FOR TUESDAY 3,200.

LIVE SALES TRADE SLOW TO MODERATE. SLAUGHTER STEERS AND HEIFERS STEADY TO 50 HIGHER. DEMAND AND SELLER INTEREST LIGHT TO MODERATE. FEEDLOTS REPORTED LIGHT TO MODERATE

INTEREST AND INQUIRY FROM BUYING SOURCES LIVE SALES SLAUGHTER STEERS: MOSTLY CHOICE 2-4 1050-1300 LBS. 64.50-66.00. MIXED GOOD AND CHOICE 2-3 63.50-64.50. SLAUGHTER HEIFERS: MOSTLY CHOICE 2-4 950-1100 LBS. 64.00-65.00. FEW 65.25-65.50. MIXED GOOD AND CHOICE 2-3 63.00-64.00. MOST CATTLE DELIVERED TO THE PACKING PLANTS WITH WEIGHING CONDITIONS EQUIVALENT TO

3% SHRINK AT THE FEEDLOTS. CARCASS BASIS STEERS AND HEIFERS 1.00 HIGHER. WEIGHT ONLY STEERS: MOSTLY CHOICE 2-4 600-900 LBS. 103.00-105.00. FEW 102.00 & 106.00. WEIGHT ONLY HEIFERS: MOSTLY CHOICE 2-4 550-800 LBS. 101.00-103.00. FEW EAST 100.00. DRESSED PRICES BASED ON HOT WEIGHTS.

*We Will Be
Here Again
Stronger Than Ever!*

TOBACCO FARMERS

SUPPORT THE AUCTION

*Auction Is
A Proven
Marketing Method*

We would like FULL skids (10 bales) of your BEST tobacco for our FIRST sale: WEDNESDAY, DECEMBER 9, 9:30 A.M.

Color grading is still priority when grading your tobacco; however, a good rule of thumb if you have hired or other help striping tobacco is:

- (1) Take 3 or 4 leaves for bottoms after making your outgrade.
- (2) Leave 3 or 4 leaves for tips.
- (3) The rest will go to your middle grade.

**Would You Do Business With Anyone
If They Offered You A Contract
That Could Change?**

- Just Remember -

You Don't Have Too Far To Paradise.

We are in the tobacco auction for the LONG term. We BELIEVE you will eventually find it the best way to market tobacco just as it is the best way to market many of your other agricultural products.

Receiving Tobacco from 7:30 a.m. to 4:00 p.m. Monday thru Friday beginning December 4.

Open House All Day Friday, December 4. Come For Free Lunch & Bring A Load Of Tobacco Along!

Member:

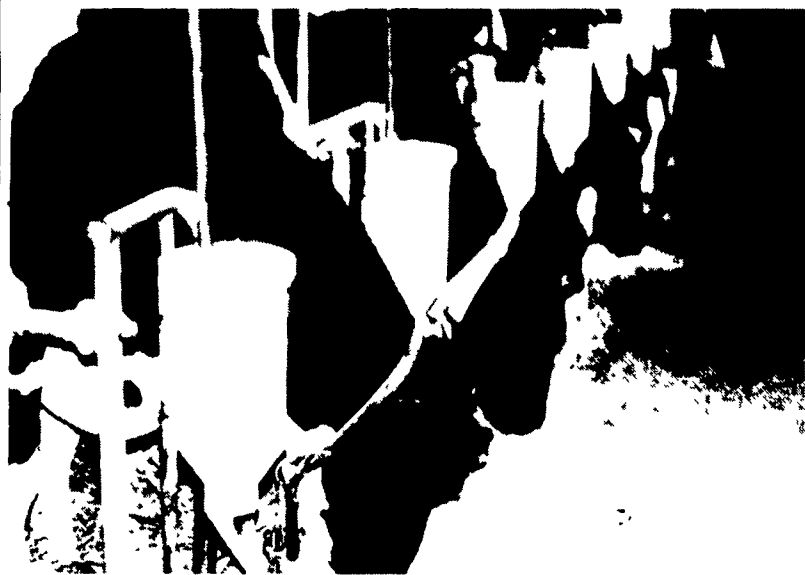


Keystone Tobacco
Marketing Group



19 Meadow Lane, Paradise, PA 17562
717-687-0990 or 717-299-3001
RY-000007-L

FALL SPECIAL



**THE ANSWER TO LOW-LABOR
MULTIPLE FEEDING WAS RIGHT
UNDER OUR NOSES ALL THE TIME...
AND IT ISN'T COMPUTERIZED!**

It took a dairyman to invent such a perfect feeder.

GRAIN BRAIN
MULTIFEEDER BY STARLINE

We call this exciting new Starline® feeder, "Grain Brain"™ because it 'thinks for itself'. Here's how it works. When you do your regular feeding, you also fill your Grain Brain™ multifeeders. Grain Brain™ does the rest. At the time you have preset into Grain Brain™ the multifeeders drop feed for each cow's next feeding. That means you go from two or three times to four or six times per day feeding with no extra labor!



A Grain Brain™ that will handle a 50-cow herd will cost you approximately \$3,000, complete. Grain Brain™ is simple, easy to operate, reliable and capable of paying for itself in less than a year. We're anxious to tell you the whole story, so see your Starline dealer soon. By the way, Grain Brain™ was invented by a Minnesota dairyman for his own barn. Now a lot of his neighbors have one too.

Patent Pending

Call For Information

LAPP'S BARN EQUIPMENT

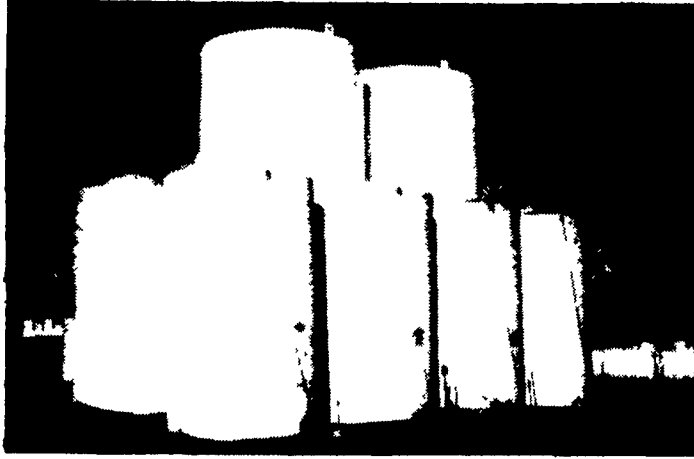
Sales & Service

5935 Old Philadelphia Pike, Gap, PA 17527

(717) 442-8134



2020 Horse Shoe Rd., Lancaster, PA
Ph. 717-397-0035



*Specializing
in
Fertilizer*

With our liquid blending plant we can offer a custom mixed liquid fertilizer for your specific crop need.

ATTENTION ALFALFA GROWERS!

Fall is the time to top dress alfalfa with our high potash fluid fertilizer. With one application we can fertilize and apply Princep & other herbicides for winter weeds in alfalfa.

ALFALFA SEEDS AVAILABLE

Order Alfalfa Seeds for next years seeding
BIG TEN - MAGNUM PLUS - EDGE -
ARROW & Many Others

Also dealer in Garst Seed Corn

Leesport Livestock Auction

Leesport, Pa.

Wednesday, November 18, 1987

Report Supplied by PDA

CATTLE 280...PDA... Supply included 18 head feeder cattle ...Choice 2-4, 1105/1465 lbs. slaughter steers 63-66.25, few 67.75, High Good & Low Choice 1225/1325 lbs. 61-64.75, Good 58.10-62.25, few Standard 56.80-58.85, Good & Choice 1225/1690 lbs. holsteins 55.25-62.50, one 64.10, few Standard 51.00-55.00, few Choice sl. heifers 60.25-64, few Good 56-62.25, few Standard 53-55.50, few Utility 39.25-48.00. Breaking Utility & Commercial sl. cows 45.75-48.25, few 50.75, Cutter & Boning Utility 41-46.75, few 47.75, Canner & Low Cutter 37-41.50, Shells down to 33.50. Few Choice sl. bullocks 60.25-65, few Good 54.50-55.75, few 62.50-64, few Standard 49.50-56.25. Yield Grade No. 1, 1260/2520 lbs. sl. bulls 53-56.85, one 58.75, few No. 2, 1320/1885 lbs. 50.25-51.50. FEEDER CATTLE: Lot Medium Frame No. 1, 540 lbs. steers 66.00, few Large #1, 565/740 lbs. 68.00-75.00. Few Medium Frame No. 1, 280-685 lbs. heifers 55.00-60.00. Few Large Frame No. 1, 545/985 lbs. bulls 56.00-65.00.

CALVES 177...Few Choice vealers 96.00-100.00, few Good 89.00-94, Standard and Good 90/120 lbs. 78.00-85, 65/85 lbs. 60.00-80, Utility 55/100 lbs. 30.00-40.00, few 65.00. Farm Calves: Holstein Bulls 90/130 lbs. 90.00-125.00, mostly 95.00-115.00, Heifers 90/120 lbs. 87.00-97.00. Few Beef cross bulls 95/140 lbs. 86.00-95.00.

HOGS 466...US No. 1-2 220/255 lbs. barrows and gilts 40-41.25, few lots 41.85-43, 1-3 210/260 lbs. 39-40.50, 2-3

210/250 lbs. 38-39.50, few 2-4 260/275 lbs. 37.25-39, 1-3 175/210 lbs. 36.00-38.25. US No. 1-3 285/635 lbs. sows 32-37.50, few Medium 355/450 lbs. 28-31.00. Boars 29.50-31, light weights 32.50-34.00, one 38.00.

FEEDER PIGS 199...Lot US No. 1-3 20/35 lbs. feeder pigs 63.00-85, lot 59.00, 35/50 lbs. 71.00-85, 50/85 lbs. 55.00-70.00 --- all per hundredweight.

SHEEP 56...Few High Choice & Prime 95/100 lbs. wool slaughter lambs 59.00-65, Choice 70/130 lbs. 58.00-60, few 40/60 lbs. 73.00-77, few New Crop 36/40 lbs. 107.50-130, Good and Choice 60/130 lbs. 52.00-58.00. Few Yearlings 21.00-41.00. Slaughter sheep 19.00-35.00.

GOATS 14...Few Large 33.00-60.00, few Medium 40.00-53.00, few Kids 30.00-47.00 --- all per head.

Belleville Livestock Auction

Belleville, Pa.

Wednesday, November 18, 1987

Report Supplied by PDA

CATTLE 137...PDA...Few Utility and Low Standard slaughter steers 50.75-53.00. Few Standard holstein heifers 46.00-48.50. Breaking Utility and Commercial slaughter cows 43.50-47.75, couple 49.50, Cutter and Boning Utility 40.50-45, Canner and Low Cutter 35.00-39.75, Shells down to 31.50. Couple Yield Grade No. 1, 1600 and 1720 lbs. sl. bulls 51.25 and 54.10.

CALVES 149...Few Choice vealers 90.00-97, Standard and Good 75/100 lbs. 78.00-78.00, Utility 60/75 lbs. 70.00-75.00. Farm Calves: Holstein Bulls 90/125 lbs. 88.00-117, one 125.00, mostly 95.00-110.00; few Hol. Heifers 95/120 lbs. 88.00-116.00.

HOGS 132...US No. 1-3 225/240 lbs. barrows and gilts 41.60-42.75, 2-3 225/260

lbs. 40.75-42.50, couple 43.00, one lot 2-4 285 lbs. 44.25. Few US No. 1-3 300/520 lbs. sows 36.00-44.00. Few Boars 29.00-31.50.

FEEDER PIGS 263...US No. 1-3 20/35 lbs. feeder pigs 19.00-27.00, 35/55 lbs. 26.00-37.50, one lot 75 lbs. 43.50 --- all per head.

SHEEP 42...Choice 75/110 lbs. wool slaughter lambs 65.00-72.00, Good 50/100 lbs. 61.00-67.00. Slaughter Rams 25.00-50.00.

GOATS 9...Few Large 35.00-53.00 --- per head.

Morrison Cove Livestock

Martinsburg, Pa.

Monday, Nov. 16, 1987

Report supplied by auction

CATTLE 213. STEERS: H. CHOICE & PRIME 64.00-66.75; CHOICE 61.00-63.75; GOOD 56.00-60.75, STANDARD 48.00-54.75. HEIFERS: CHOICE 63.25-66.60, GOOD 48.50-56.75. COWS: UTILITY AND COMMERCIAL 45.75-49.60, CUTTERS 44.00-48.75, CANNER AND LOW CUTTER 36.50-44.75. BULLOCKS: GOOD AND CHOICE 54.50-60.25. BULLS: YIELD GRADE NO. 1 46.75-57.25. FEEDER CATTLE: STEERS GOOD 65.00-74.50, STANDARD 46.00-61.00; BULLS GOOD 60.00-71.00; STANDARD 40.00-58.00; HEIFERS GOOD 58.00-67.00, STANDARD 45.00-56.50.

CALVES 305. VEALERS PRIME 92.00-105.00; CHOICE 84.50-90.50, GOOD 78.00-86.50, STANDARD AND GOOD 67.00-74.50; 90-110 LBS. 84.00-92.50, 65-90 LBS. 69.00-88.50. HOLSTEIN BULLS 90-130 LBS. 105.00-131.00, HOLSTEIN HEIFERS 90-130 LBS. 95.00-118.00.

HOGS 94. BARROWS AND GILTS US NO. 1-2 41.50-42.75, US NO. 1-3 40.00-40.50. SOWS US NO. 1-3 35.00-38.50. BOARS 30.50-38.50.

FEEDER PIGS 61. US NO. 1-3 20-35 LBS. 18.50-29.50 PER HEAD; NO. 1-3 35-50 LBS. 30.50-41.00 PER HEAD.

SHEEP 10: SLAUGHTER LAMBS CHOICE 74.00-78.50, GOOD 62.50-71.00. SL. EWES 18.00-26.50. GOATS: 18.00-41.00 PER HEAD.

2 LOADS OF MIXED 85.00-100.00 PER TON; 1 LOAD OF STRAW 72.00 PER TON.

Frederick Livestock

Wednesday, Nov. 18, 1987

BUTCHER COWS: \$1 HIGHER. GOOD 45.50-47.25; STANDARD 42.00-45.00; CANNERS 38.00-41.00; SHELLY 37.00-DOWN. BULLS: GOOD 50.00-51.75; MEDIUM 47.00-49.00. STEERS: GOOD 55.00-60.00; STANDARD 52.00-55.00. HEIFERS: GOOD 50.00-52.00; MEDIUM 45.00-49.00. BUTCHER HOGS: STEADY PRICES. 220-240 LBS. 39.00-40.00; 250-290 LBS. 39.00-41.00; 290-380 LBS. 38.00-42.00. SOWS: 300-400 LBS. 36.00-42.00; 400-600 LBS. 34.00-36.00. VEAL CALVES: \$3 HIGHER. GOOD-CHOICE 85.00-96.50; STANDARD 75.00-84.00; STOCKY & THIN 70.00-75.00; LIGHT CALVES 82.00-90.00; WEAK & ROUGH 81.00-DOWN. CALVES RETURNING TO FARM: STEADY. HOLSTEIN HEIFERS: 90-120 LBS. 90.00-107.00. HOLSTEIN BULLS: 95-100 LBS. 100.00-115.00; 105-115 LBS. 115.00-130.00.

STOCK CATTLE: GOOD RUN, STEADY PRICES. STEERS CHOICE 71.00-73.00; GOOD 65.00-70.00; MEDIUM 60.00-64.00. HEIFERS

CHOICE 64.00-68.00, GOOD 58.00-63.00, MED. 52.00-57.00. BULLS CHOICE 68.00-73.00, GOOD 64.00-67.00, MED. 59.00-63.00. DAIRY COWS 775.00-875.00. SPRING HEIFERS: LARGE 900.00-975.00, SMALL 450.00-600.00. OPEN DAIRY HEIFER: 54.00-59.00. PIGS & SHOATS: STEADY PRICES. BY THE HEAD: 20-30 LBS. 20.00-29.00, 30-40 LBS. 30.00-39.00; BY THE LB.: 115-160 LBS. 36.00-39.00. LAMBS: GOOD & CHOICE 6000-62.00, MEDIUM 59.00-61.00.

NOTICE TO ANY INTERESTED AUXILIARY OR OTHER WOMEN'S GROUP: THE LUNCH STAND RIGHTS AT FREDERICK AUCTION WILL BE AVAILABLE BEGINNING DEC. 1. IF YOUR CLUB WOULD BE INTERESTED IN OPENING IT MONDAY EVENING GIVE US A CALL AT HAGERSTOWN- 733-8120.

St. Louis Cattle, Hogs

Thursday, November 19, 1987

FLASH MIDSESSION CLOSE CATTLE AND CALVES 1,000: (100 SLTR, 900 FDRS) BULK OF RECEIPTS SFEEDER CATTLE FOR THURSDAY'S AUCTION. OPEN MARKET CONSISTS OF COS. TRADING ACTIVE, COWS FIRM TO 1.00 HIGHER.

SLAUGHTER CLASSES COWS: CUTT, UTIL COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 43.00-46.00 BONING 1-2 43.00-46.00 46.00, FEW 47.00 CUTTER & CUTTER 1-2 39.00-42.00 SHELLY CANNER 1-2 35.00-39.00.

BULLS: YIELD GRADE 1 INDIVIDUAL 1700 LBS. 58.00.

RECEIPTS THIS WEEK 2,800: WEEK AGO 2,700: YEAR AGO 4,100 AS COMPARED WITH LAST WEEK'S CLOSE, SLAUGHTER STEERS FULLY 1.00-1.50 HIGHER. SLAUGHTER HEIFERS 1.50-2.00 HIGHER. COWS FULLY STEADY, INSTANCES 1.00 HIGHER ON HIGH YIELDING CUTTER AND BONING UTILITY. BULLS STEADY. SUPPLY MAINLY CHOICE SLAUGHTER STEERS AND HEIFERS, AROUND 5% COWS.

SPECIAL NOTICE

Hay, Straw & Grain Sale

Starting Thursday,
December 3, 1987
At 1:00 P.M.

Vintage Sales
Stables, Inc.

Route 30
Paradise, Pa.

L. Robert Frame, Manager
717-442-4181
717-768-8204
215-458-8518

Green Dragon Livestock Sales



Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSE, Proprietor

All out of state and new buyers must have cash or certified check or current letter of credit from bank.

Hi, we're germs.
We're mean, we're unclean,
we infect your poultry,
we cause disease,
we cost you money,
and you're going to try
and get rid of us by
scrubbing the place down
with an ordinary disinfectant?



Go ahead, make our day.

1-Stroke Environ® is no ordinary disinfectant. It cleans and deodorizes while it disinfects. In one operation, 1-Stroke Environ cuts through built-up dirt and grime. It kills bacteria, fungi, and specific viruses. And it knocks out the odor poultry or swine leave behind.

With 1-Stroke Environ, cleaning, disinfecting, and deodorizing is as easy as one-to-three. Available in 1-gal. containers or 55-gal. drums.



1-Stroke Environ®
BECAUSE GRIME DOESN'T PAY.

CEVA

CEVA LABORATORIES, INC.
a Subsidiary of Sanofi, Inc.

1 STROKE ENVIRON is a Reg. TM of Vestal Laboratories

Estimated Daily Livestock Slaughter

Under Federal Inspection

Thursday, Nov. 19, 1987

CATTLE	CALVES	HOGS	SHEEP
WEEK TO DATE (EST.)			
506,000	42,000	1,302,000	76,000
SAME PD LT WK (EST.)			
485,000	43,000	1,265,000	83,000
SAME PD LT YR (ACT)			
533,000	48,000	1,209,000	85,000

Peoria Hogs

Peoria, Illinois

Thursday, November 19, 1987

FLASH HOGS: 2500.

TRADING SLOW. BARROWS AND GILTS OPENING .50 TO MOSTLY 1.00 LOWER SUPPLY MAINLY US 1-3 220-250 LBS.

US 1-3 200-240 LBS. 40.50-41.00 200 HEAD 41.25-41.50 2-3 230-250 LBS 39.50-40.50.

SOWS: 1.00 TO 1.50 LOWER THAN THE BULK OF WEDNESDAY'S SALES 13%.

US 1-2 325-500 LBS. 34.00-34.50 500-650 LBS. MOSTLY 35.00, FEW 35.50.

Peoria Cattle

Peoria, Illinois

Thursday, November 19, 1987

WEEKLY CATTLE SUMMARY. COMPARED WITH LAST WEEK SLAUGHTER STEERS SOLD 1.50 TO MOSTLY 2.00 HIGHER, SLAUGHTER HEIFERS 1.00 TO MOSTLY 2.00 HIGHER. SLAUGHTER COWS FIRM TO 2.00 HIGHER, MOSTLY 1.00 TO 2.00 HIGHER. BULLS STEADY TO 2.00 HIGHER. SUPPLY MAINLY GOOD TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH 13% COWS. ESTIMATED RECEIPTS THIS WEEK ABOUT 2000 AS COMPARED WITH ACTUAL RECEIPTS OF 1628 A WEEK AGO AND 2308 A YEAR AGO.

SLAUGHTER CLASSES: STEERS: CHOICE 2-4 1100-1350 LBS. 63.00-65.50 950-1100 LBS. 61.00-64.00 GOOD & CHOICE 2-3 1000-1200 LBS 59.00-63.50.

HEIFERS: CHOICE 2-4 1000-1250 LBS. 62.00-64.50 850-1000 LBS. 60.00-63.00 GOOD & CHOICE 2-3 900-1100 LBS. 59.00-63.00.

COWS: BREAKING UTILITY 2-3 38.00-41.00 CUTTER AND BONING UTILITY 1-2 40.00-43.00 FEW HIGH

DRESSING 43.00-45.00 CANNER & LOW CUTTER 37.00-40.00.

BULLS: YG 1-2 1500-1900 LBS. 50.00-56.00.

Indiana Livestock

Homer City, Pa.

Thursday, November 19

Report supplied by PDA

CATTLE: 211. Cows mostly steady; few Choice steers 63.50-66.00; Good 58.00-63.00; Standard 53.00-58.25; Choice heifers 61.00-62.75; Good 55.00-60.00; few Standard 48.25-53.00; cows Breaking Utility & Commercial 45.00-49.00; few High Yielding 50.75-53.75; Cutter & Boning 42.00-46.00; few High Yielding 47.75; Canner & Low Cutter 35.00-42.25; shells down to 33.00; few Utility bollocks 45.00-48.75; few YG 1, 1405-1810 lb. bulls 51.25-54.25; few No. 2, 1085-1690 lb. 47.75-49.25.

FEEDER CATTLE: Few Med. & Large 1, 780-995 lb. steers 56.75-64.50; heifers Med. & Large 1 few 640-940 lb 48.00-54.00; bulls few Med. 1, 735-815 lb 53.00-56.25.

CALVES: 115. 1 Choice 91.00; few Good 74.00-78.00, 90-120 lb. 70.00-86.00, 60-85 lb. 50.00-75.00; few Utility 45-60 lb. 44.00-50.00; hol. bulls 90-140 lb. 87.00-127.00.

HOGS: 221. Steady to weak; couple small lots US 1-2, 230 lb. 41.00 and 250 lb 42.75; 1-3, 210-260 lb. 39.75-41.00; 2-3, 250-275 lb. 38.00-40.00; sows about steady; US 1-3, 295-595 lb. 35.00-38.25; Med. 230-310 lb 29.75-34.25; boars 25.50-30.25.

FEEDER PIGS: 60. 1-3, 15-35 lb 11.00-28.00, 40-55 lb. 30.00-35.00 per head.

SHEEP: 13. 1 lot High Choice & Prime 94 lb. 76.00; few Choice 55-100 lb. 63.00-74.00; few sl. ewes 21.00-25.00.

GOATS: 3. Couple Large 35.00-52.00; 1 Med. 21.00; all per head.

East Coast Carlot

Wednesday, Nov. 18, 1987

Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO TUESDAY'S CLOSE: CHOICE AND PRIME SPECIAL FED VEAL GENERALLY STEADY IN LIMITED TEST AND COMPARISON. GOOD AND CHOICE BONING VEAL 4.00 HIGHER IN LIMITED TEST AND COMPARISON; INSHIPPED GENERALLY STEADY TO FIRM IN LIGHT TEST WITH MONDAY'S LAST REPORT.

VEAL CARCASS

HIDE-ON

CHOICE & PRIME

SPECIAL FED

150 HEAD

220-280 LBS. LTD 202 00, GENERAL- LY STEADY.

GOOD AND CHOICE

BONING TYPE - HIDE ON

NORTHEASTERN SUPPLIERS

200 HEAD

65-75 LBS. LTD. 120.00, 4 00 HIGHER.

55-64 LBS. LTD. 116.00.

45-54 LBS. LTD. 112.00.

35-44 LBS. LTD. 108.00.

34 LBS. DWN LTD. 106 00

INSHIPPED

120 HEAD

71-80 LBS. LTD. 126.00, STEADY-FIRM WITH MONDAY.

61-70 LBS. LTD. 122.00.

51-60 LBS. LTD. 118.00.

41-50 LBS. LTD. 114.00

30-40 LBS. LTD. 110.00.

Oklahoma City

Feeder Cattle

Wed., November 18

Report supplied by USDA

WEEKLY SUMMARY: FEEDER STEERS AND HEIFERS UNDER 600 LB. 1.00-1.50 HIGHER; OVER 600 LB. 2.00-4.00 HIGHER. SLAUGHTER COWS 50 CENTS TO 1.00 HIGHER. SLAUGHTER BULLS 2.00-3.00 HIGHER. DEMAND GOOD. TRADE ACTIVE. RECEIPTS THIS WEEK 9800 HEAD. BULK SALES FOR THE WEEK FOLLOW:

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 250-300 LB. 109.00-112.75; 300-400 LB. 102.00-112.00; 400-450 LB. 95.00-102.50; 450-500 LB. 90.00-98.50; 500-550 LB.

85.00-90.50; 550-600 LB. 83.00-88.50; 600-700 LB. 80.00-82.30; 700-750 LB. 77.00-81.80; 750-800 LB. 76.50-79.00; 800-900 LB. 72.40-76.90.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 250-300 LB. 87.00-95.50; 300-400 LB. 86.50-94.00; 400-450 LB. 83.50-88.25; 450-500 LB. 81.00-85.50; 500-600 LB. 74.75-81.00; 600-700 LB. 73.00-77.00; 700-800 LB. 71.00-74.00.

SLAUGHTER COWS: BONING AND BREAKING UTILITY 1-4, 43.50-48.50. CUTTER 1-2 42.00-47.60. CANNER AND LOW DRESSING CUTTER 38.25-40.75.

SLAUGHTER BULLS: Y.G. 1, 1200-1500 LB. 50.00-55.00; 1500-2000 LB. 53.00-58.00.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.

Jersey Shore, Pa.

Report supplied by Auction

Thursday, Nov. 19, 1987

RETURN TO FARM CALVES 90.00-130.00.

GOOD VEAL 85.00-100.00.

COMMON VEAL 55.00-84.00.

CHOICE STEERS 64.00-68.50.

GOOD STEERS 58.00-65.00.

COMMON STEERS 45.00-57.00.

COMMERCIAL COWS 44.00-50.75.

CANNERS-CUTTERS 38.00-45.00.

SHELLS 31.00-39.00.

CHOICE HEIFERS 59.00-62.50.

GOOD HEIFERS 55.00-60.00.

COMMON HEIFERS 45.00-54.00.

GOOD FEEDERS 60.00-78.00.

COMMON FEEDERS 40.00-59.00.

BULLS 40.00-58.50.

GOOD HOGS 39.00-41.00.

HEAVIES 36.00-40.00.

SOWS 30.00-37.00.

Leinbach's Hay

Shippensburg, PA

Nov. 14 & 17

Report supplied by Auction

46 LOADS.

ALFALFA, 80.00-125.00; MIXED HAY, 72.00-108.00; TIMOTHY, 70.00-116.00; GRASS, 70.00-106.00; STRAW, 60.00-80.00; CORN, 65.00-83.00.

MULCH HAY, 56.00-59.00; FIREWOOD, 34.00-52.50 PICK-UP LD.

Green Dragon Hay

Ephrata, Pa.

Friday, Nov. 13, 1987

Report Supplied by Auction

118 LOADS.

MIXED HAY, 67.00-131.00; ALFALFA, 51.00-133.00; TIMOTHY, 66.00-126.00; GRASS, 86.00; CLOVER, 84.00-85.00; STRAW, 76.00-120.00; SOYBEAN STALKS, 47.00; CORN, 69.00-78.00; CORN FODDER, 50.00-72.00; RYE, 2.20 BU; OATS, 2.20-2.90 BU.

Pennsylvania Weekly Summary

Harrisburg, PA

Friday, November 20

Report supplied by PDA

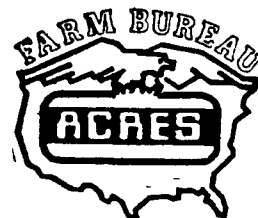
15 Livestock Markets

CATTLE: 6045. Compared with 4049 head last week and 6912 head a year ago. Steers and heifers steady to 1.50 higher; cows steady to 1.00 higher; bulls 1.00-2.00 higher; High Choice & Prime 66.00-69.50; Choice 62.00-68.10; Good 58.00-63.00; Standard 52.00-58.00; Good & Choice holsteins 55.00-63.00; Choice heifers 59.00-65.25; Good 54.00-61.00; Standard 46.00-55.00; Breaking Utility & Commercial cows 43.50-48.60; Cutter & Boning 40.75-47.00; Canner & Cutter 35.50-42.00; shells 24.50; bullocks few Choice 59.00-63.50; few Good 54.50-60.00; few Standard 49.50-56.25; YG 1, 1200-2300 lb. bulls 52.00-60.50; No. 2, 900-1400 lb. 47.00-55.00.

FEEDER CATTLE: Steers Med. & Large 1, 300-700 lb. 65.00-84.00; 700-1000 lb. 55.50-64.50; heifers Med. 1, 300-600 lb. 50.00-68.00; bulls Med. & Large 1, 350-750 lb. 50.00-70.00.

CALVES: 3932. Compared with 3313 head last week and 4051 head a year ago. Vealers steady to weak; few High Choice & Prime 105.00-115.00; Choice

(Turn to Page A23)



(Continued from Page A3)

ACRES NEXT DAY OUTLOOK: cash - steady futures-steady to lower

ACRES HOG UPDATE: Live hog and pork belly futures closed lower on weakening cash fundamentals. The bellies closed near limit down pressured by higher than expected frozen belly movement and continuing large kill numbers. Friday's USDA monthly cold storage report is expected to show continued record turkey and poultry stocks and will also reflect early warehousing of frozen pork bellies according to some analysts. The December live hog option posted a loss of 65 points today, closing at \$44.05, up from \$43.85 posted earlier.

ACRES NEXT DAY OUTLOOK: cash - steady to lower futures - steady to lower

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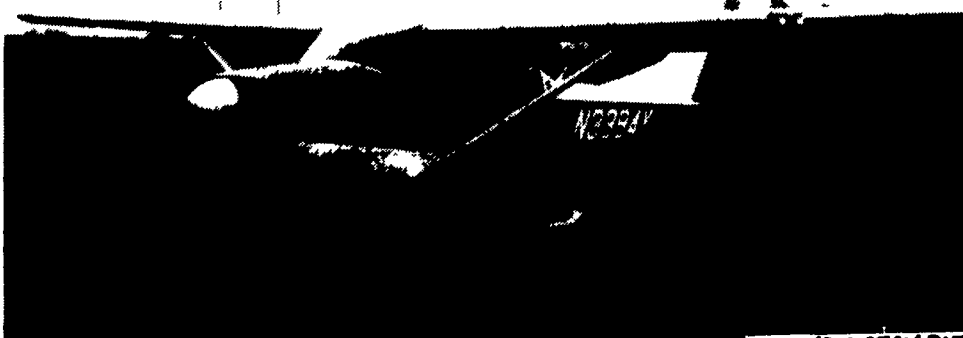
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Farmland Preservation Details Need Time

WEST MIDDLESEX—It will be several months before the Commonwealth's model Farmland Preservation Act is put into effect, Pennsylvania Agriculture Secretary Boyd Wolff told a group of the measure's supporters. In a report to the 16th annual Pennsylvania Farmers Union convention, Wolff said the time will be needed to pass enabling legislation and sell \$100 million worth of bonds to fund the program. In the meantime, he urged interested farmers to develop agricultural districts now, so they will qualify for the program.

The Farmland Preservation Act allows farmers to sell development rights to their land to the state, in return for a promise the land will not be developed for non-agricultural uses. Farmers are paid the difference between market value on the land for agricultural purposes and for development purposes.

In other comments, Wolff said he found marketing opportunities for Pennsylvania's food producers and processors during a recent visit to Europe. After observing the world's largest food show in Ger-

many, one of London's largest fresh fruit, vegetable and flower markets, and after trade talks with importers and exporters, Wolff offered the PFU members specific advice. High quality and good packaging are the keys to international success, he said.

"We are not only competing with other states, but with other

nations as well," Wolff said. He pledged the agriculture department's growing expertise to help farmers and agribusinesses produce dependable supplies at competitive prices. Pennsylvanians also need assistance to be sure their products enter the international food distribution chain at the cor-

rect point, he said.

Wolff said the recent international trade trip yielded 150 "good leads worldwide" for Pennsylvania food growers and processors, and said he is in the process of following up on all of them. Pennsylvania's agriculture department personnel will complete 20 trips to inter-

national trade shows during the next year, he said.

More than 125 Pennsylvania Farmers Union members listened as Wolff explained his agricultural export efforts. The PFU convention will conclude here Nov. 11 after a thorough farm policy debate.

Indiana Farms Wins Holstein Honors At NAILE

LOUISVILLE, KY — Beer Farms, Inc., of Berne, Indiana exhibited the Grand Champion Female and Senior Champion Female, C Briju TT Tasha, in the Southeast Regional Holstein Open Show at the North American International Livestock Exposition.

Reserve Grand Champion Female, Cash-Mar CM Astronaut Socks, is owned by Walter, Dwayne and Eric Hickman of Danville, IN. She also captured Reserve Senior Champion Female today.

There were 302 entries in the Southeast Regional Holstein Open Show, up 50 head from last year, according to Larry Mutter, Holstein Show Superintendent. Premiums totaled \$8,935 and were divided among winners in each class.

Competition for premiums in Holstein competition was very tough. Judge Jerry King, of Butler, MO, said, "The excellent quality of these cows ran deep in each class." He also said many exhibi-

tors told him the 1987 Southeast Regional Holstein Open Show was the best quality show ever.

"This is an excellent show representing the southeastern states," commented Bob Cain, Area II Manager for the National Holstein Association. He explained that the Southeast Regional Holstein Open Show is not a national show, but many exhibitors would like to see a

national show held at Louisville. "It's a nice show, with good facilities, and people that are nice," he remarked.

Margaret Ann Nicholson, from Finchville, KY, would also like to see a national show moved to Louisville. "It would be tough getting one held here," she said, "but there are no better facilities anywhere."



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- NOV. 25 - Cochranville Fire Hall, Cochranville
- NOV. 25 - Benetz Restaurant, Quakertown (Rt. 390 & 313)
- NOV. 27 - Denny's Restaurant, Chambersburg
- DEC. 9 - New Danville Fire Hall, New Danville
- DEC. 9 - White Horse Fire Hall
- *DEC. 10 - Rock Oak Country Restaurant, Mifflinburg
(*Meeting 9:30 am - 1:00 pm - Lunch included)

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Dr. Buffington Urges Berks Holstein Club To Market Embryo Transfers

BY ROBIN PHILLIPS
Berks Co. Correspondent
KUTZTOWN — "Better times are coming and we need to prepare for them," stated the featured speaker for the evening at the annual awards banquet of the Berks County Holstein Club last Friday evening. Ron Buffington, widely known and well respected as an authority on the breeding and marketing of registered Holstein cattle, was in Pennsylvania last week participating in a series of educational lectures for Landmark Genetics and ended his week by appearing at the meeting and talking to Berks Holstein breeders.

After a lengthy comparison of the Florida Citrus Commission and their efforts in reducing government intervention, regulating their own industry, and promoting their product to the hilt, Dr. Buffington concluded, "Nothing has been advertised with a better success story than orange juice, ...there is only one product better than orange juice." At his last pause, the audience finished the sentence - MILK!

Dr. Buffington continued his inspiring lecture to the dairymen. "Nothing is selling faster today than yogurt," he stated. As he quoted statistics he noted that if everybody ordered pizza with double cheese, the world would run out of cheese in thirty days, Buffington stated, "I dream of the day we can have double cheese on pizza and we'll run short of cheese."

"We could make this country run short of dairy products," he excitedly went on. "We have to produce a product according to the market needs," he said.

Granting that the dairy advertising has made an impact, Dr. Buffington encouraged breeders to do more. He encouraged embryo transfer technology as a virtually untapped resource by many dairymen as essential extra income. "China is starving for dairy products," he stated. It is cheaper for overseas countries to ship embryos over then it is to ship bred heifers. "Are you ready on your farm if the Chinese stop in?" he questioned breeders.

"Do not rule out the possibility of the tremendous demand of genetics in the future," he continued. "It is very significant that the genetics that you put into your cows is the best available," he told breeders. "If you are a registered Holstein dairyman and never sell a female, you might as well have grades," he told dairymen. "A registered Holstein dairyman can sell his animals and multiply his prefix," Buffington said.

He advised breeders, "When cattle prices are down, sell. Build your markets when the price is down so that when the price goes up, you'll have a long list of people who want cattle from your farm."

"Those that make it will have an exciting future," Dr. Buffington concluded.

After his lecture, Dr. Buffington



The Board of Directors of the Berks County Holstein Club include: Kevin Sattazahn, Dean Hartman, Luther Davis, Dave Schuler, Scott Miller, David Bitler, Ken Sanner, Dave Schantz, Connie Troutman. Don Meyers is the State Director.

showed a series of slides on the proper way to photograph good cattle and the mistakes often made. Good photographs are a must and he advised doing a professional job. Several tips included: use a plain background, mowed or weed free; a professional photographer who knows how to get the cow in the best picture; take time to excellently clean the animal, get her accustomed to the halter and leading; have the animal properly fit and clipped for the picture. Dr. Buffington also showed his inspiring slide show "God Bless America" as a conclusion of his presentation.

President Dean Hartman, of the Berks County Holstein Club led the business meeting and directed the awards program.

Plaques were presented to the members of the first place Dairy Bowl team at the Pennsylvania Holstein Convention. Team members included: Mark Moser, Doris Stump, Gary Bicksler, and Charles Seidel. An award was also presented to Ray Bicksler, of Richland, who consigned the highest selling animal in the Berks County Holstein Club sale this past year. Ray Seidel, Kerchenhill Holsteins, Kutztown, has received a plaque for his BAA of 106.4 which includes four excellent, 22 very good, and 14 good-plus cows.

Appreciation awards of hand painted Holstein clocks were presented to Leonard Stoltzfus for donating the calf for the calf raffle for the junior club, and to the John Stump family, Bernville, for hosting the annual field day for the juniors.

Election of directors was also held. In the junior club, the new directors are Brian Richards, Scott Youse, and Heather Schlegel. The adult club elected David Bitler, Ken Sanner, David Schantz, and Connie Troutman to their board.

The junior Distinguished members were also recognized and presented with silver platters. The Distinguished Junior Members are Brian Richard, Michael Davis, and Jennifer Davis.

(Turn to Page A22)



The Milk and Fat Production contest winners in the junior club were: Denise Stump, Cathleen Ohlinger, and Susan Troutman.



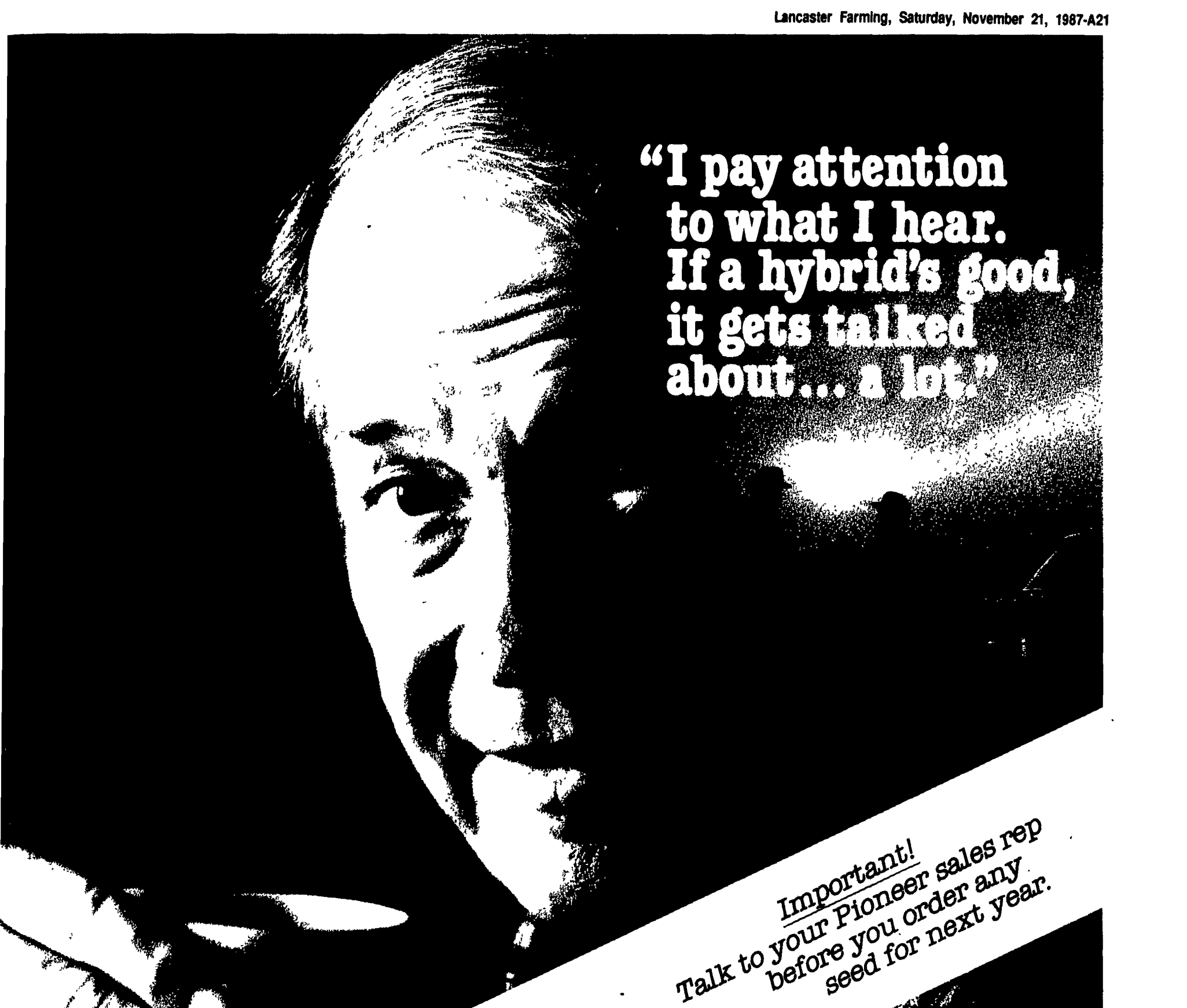
Distinguished Junior Members are: Brian Richard, Jennifer Davis, and Michael Davis.



Ray Seidel (left) had the highest BAA in the club, and Ray Bicksler (right) consigned the highest selling animal in the annual club sale.



The newly elected junior board of director members are Brian Richards and Scott Youse.



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3352

This hybrid has proven itself as the yield leader for its maturity. In this area, **3352** holds a significant yield advantage against competitive hybrids. Now, that kind of performance speaks for itself. But besides yields, **3352** has very good emergence and early vigor along with excellent stay green and leaf disease resistance against Northern and Southern Leaf Blights, Eyespot and Gray Leafspot. This hybrid is going to surprise a lot of folks.

3295 New!

When put to the test, this new hybrid outyields the competition. By 7.8 bushels per acre in 676 side-by-side yield checks to be specific. And that's just over the last year. Very good emergence, early vigor, large ears and tall plants are just a few of the hardy agronomic traits of **3295**. It even has adequate resistance to most common diseases.



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30 YEARS AGO

THIS WEEK

— A chilly rain didn't stop the young Lancaster County showmen at the Eastern National Livestock Exposition at Timonium, Md., Monday. The county group of five Angus steers took the top spot in the junior show for the fifth consecutive year.

The county group was mixed with both 4-H and FFA members exhibiting. The showmen were Ernest Frey, R2 Quarryville, FFA; Billy Hackman, R3 Elizabethtown, 4-H; Lorraine Hackman R3 Elizabethtown, 4-H; Paul Mast, R2 Elverson, 4-H and John Harsh, R1 Kinzer, 4-H.

— Pennsylvania State University, University Park, which last year won world wide fame by showing the grand champion steer here

(Chicago), has again listed large entries of livestock for the 58th International Livestock Exposition, set for Nov. 29 through Dec. 7 in the International Amphitheatre here.

— The lowest supply of hay and roughage on hand in Pennsylvania since records were first compiled 20 years ago was reported Wednesday by the State Department of Agriculture.

— A conservation tour and two farm forestry demonstrations are among the projects adopted for the coming year by the directors of the Lancaster County Soil Conservation District at a meeting Monday night at the Lancaster County Courthouse.

— The grand champion steer of the Pennsylvania Livestock Exposition sold at auction Friday for \$1.80 pound to Howard Johnson Restaurants. The animal, an Angus, was the entry of C.E. Yoder and Sons, Fruitland, Iowa. It weighed 1,075 pounds and brought a total price of \$1,935.



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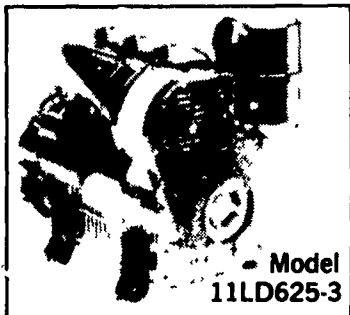
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DEALER INQUIRIES INVITED

Berks Holstein Club

(Continued from Page A20)

Milk and fat awards were presented to the top junior entries in

the annual junior production contest. Winners were:

1987 BERKS COUNTY JUNIOR HOLSTEIN MILK AND FAT CONTEST

Barn/Cows Name	Age	Days In Milk	Milk Lbs.	Fat %	Fat Lbs.
2 Year Old (6 Entries)					
Susan Troutman Ge-Ma-De Cotton Candy	2-02	305	22,982M (1)	3.3%	759 Fat (1)
Doris Stump Stumpland Wiseman Glitter	2-07	305	20,550 M (2)	2.7%	562 Fat
Doyle Stump Stumpland Brock Genna	2-05	305	20,057 M (3)	3.0%	593 Fat
Cathleen Ohlinger Reu-Hel Valiant LuLu	2-05	305	20,024 M	3.6%	713 Fat (2)
Jennifer Davis Ro-Ru Valiant Holly	2-00	305	16,049 M	4.0%	646 Fat (3)
3 Year Old (10 Entries)					
Stacey Meyers Mertz Dancing-Bell Valiant Liza	3-09	305	24,634 M (1)	3.0%	744 Fat
Amy Richard Oleka Acres Sprint Mandy	3-05	305	23,596 M (2)	3.6%	853 Fat (3)
Susan Troutman Ge-Ma-De Chocolate Chip	3-10	305	23,426 M (3)	4.0%	941 Fat (1)
Michelle Troutman Oakenbound Line Chief Rosebud	3-04	303	23,288 M	3.8%	893 Fat (2)
4 Year Old (3 Entries)					
Denise Stump Stumpland Pete Fame	4-0	305	25,442 M (1)	3.1%	800 Fat (1)
Sandy Moser Gray-View Frosty Tush	4-11	305	21,868 M (2)	3.4%	741 Fat (3)
Diane Troutman Ge-Ma-De Chief Penelope	4-0	305	21,730 M (3)	3.6%	793 Fat (2)
5 Year Old And Over (11 Entries)					
Cathleen Ohlinger Reu-Hel Farms Glendell Fuzzy	6-03	305	31,987 M (1)	3.0	975 Fat (3)
Cathleen Ohlinger Reu-Hel Farms Mile Supreme	6-05	305	27,315 M (2)	3.8%	1,027 Fat (1)
Michael Davis Past Valley Rex Marsha	5-03	305	25,814 M (3)	3.5%	908 Fat
Lynn Krick Arl-Ja Tex Tulip	5-08	305	23,018 M	4.4%	1,004 Fat (2)

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We have probably been too modest up to now about the merits of our new generation ULTRAFLO® cage feeder vs. the old style chain feeders some of our competitors are still trying to sell you. In fact, the only negative comments about our feeder come from our competition, not our customers. So we would like to point out the bare facts:

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TROUBLE-FREE DESIGN: Our feeder has only two moving parts - the one-piece auger plus each drive wheel; their chain has more Our corners are heavy 12 ga. zinc plated tubing for long life; their corners have a reputation for trouble and short life

PROVEN DESIGN: Over 10 million birds are already on our feeder worldwide Also, it was proven in 5 years of on-farm testing before introduction

EASY ADAPTABILITY: Ours adapts easily to existing cage systems you may already have Or choose from our wide selection of cage styles

5-YEAR WARRANTY: Ours gives you a 5-year warranty on auger and trough. Theirs doesn't. In fact, their dealers derive a large percentage of their income from parts sales Ours don't

MICROPROCESSOR CONTROL: Our control lets you program feeding time to the second, to match the exact time of one circuit. Control number of feedings, time of each feeding - also 10-second "Stimulation Cycles" between feedings, to minimize separation, and improve your birds' feed intake



SIMPLE OPERATION: "Push-pull" Power Units with 1/2 or 1/4 HP motor are located in a cage, have hardened steel gears for trouble-free operation

HI-GRADING OF FEED: Our auger travels at 80 FPM so birds are limited from eating until it stops, birds will hi-grade feed from chain feeders, causing uneven nutrition

REMIXING FEED: Our auger slowly revolves, remixing old and new feed, theirs leaves most old feed to get stale

BILLED-OUT FEED: Our auger acts as a grid to prevent birds from raking, piling, and throwing out feed, neither chain or disk systems prevent feed waste

COST SAVINGS: Ours saves vast amounts of energy costs since it's easier to propel and runs only half as long as theirs

LOW MAINTENANCE: With our 5-year warranty on auger and 20 ga. trough (one competitor has only 22 ga.) - plus no corner wheel mechanisms to wear out - ours saves you maintenance costs

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Melwood Farm Tops Chester County DHIA

BY MARJORIE KEEN
Chester Co. Correspondent

Melwood Farm's dairy herd topped Chester County's list of butterfat production for the eighth year with 948 pounds. The Holstein herd owned by Melvin Stoltzfus, Cochranville, had a 24,981 rolling herd average.

Recognition was given to representatives of the six herds producing more than 800 pounds fat at the Chester County D.H.I.A. Annual Meeting and Banquet in Guthrieville last Thursday.

Ardrossan Farms, Villanova, was second highest in fat with 844

pounds for the past testing year. The Ardrossan herd, owned by Mrs. Hope Montgomery Scott, had a rolling herd average of 20,159. Ardrossan's Ayrshire herd is the first Chester County Ayrshire herd to top 20,000.

Alvin Stoltzfus' Dunwood Farm herd was third highest in fat with 830 pounds. The Oxford herd's rolling average was 21,393.

New Bolton Center, Unit 4, of the University of Pennsylvania, Kennett Square, weighed in with 819 pounds fat and a final 1987 RHA of 21,813.

Chris and Ches Stoltzfus, Honeybrook, were honored for their

herd's rolling average of 20,914 with 817 pounds fat.

Masons Chrome View herd, Nottingham, increased its fat production to 816, 26 pounds over the previous year. Masons Chrome View rolling herd average was 21,609.

Donald Gable Elverson, and Duane Hershey, Cochranville, were elected new D.H.I.A. directors at last Thursday's meeting. Carl Yoder, of Elverson, president of the county organization, was reelected a director.

"This has been a tremendous year for the county association," Extension Dairy Agent David Swartz told the gathering. "You averaged over 400 more milk this year than you did last year and that still doesn't tell the whole story. If you look at the top 30 or 40 herds in the county, they increased over 1,000 pounds of milk in herd average for this year. That is a tremendous accomplishment."

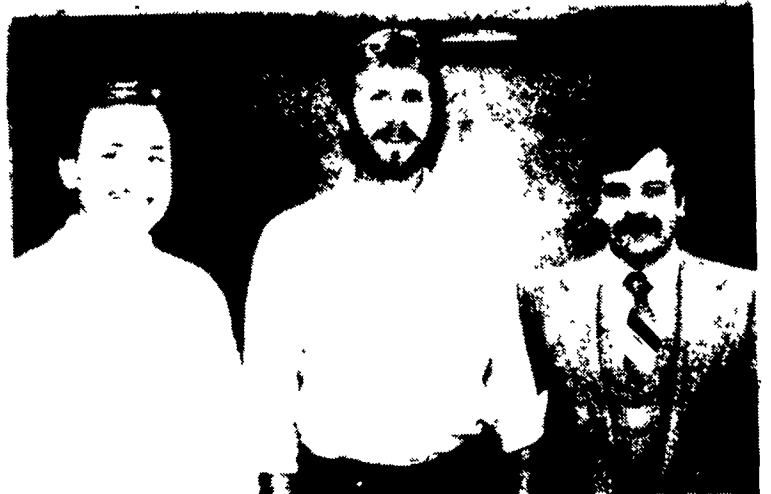
Swartz credited the fine-tuning of rations and nutritional work that's being done with the herds. A special opportunity, he said, is the Dairy Nutrition School in Gap, beginning Wednesday, December 9.

A farm tax workshop will be held Monday, December 7, at Octorara High School. Swartz encouraged farmers to look at debt repayment ability before buying new machinery to reduce taxes.

Chester County Dairy Princess Elisa Wilkinson and D.H.I.A. Regional Manager Larry Hay also addressed the more than 200 members and guests.



Representatives of the Chester County herds honored for herd averages over 800 pounds of butterfat include: (from left) Ronald Krassenstein and Andrew Moran, New Bolton Center Unit 4; Rick Curtis, Ardrossan Farms; and Stephen Mason, Masons Chrome View.



Newly elected directors of Chester County D.H.I.A. are: (from left) Donald Gable, Elverson, and Duane Hershey, Cochranville. President Carl Yoder (right), Elverson, was reelected to a directorship.

(Continued from Page A18)

90.00-105.00; Good 74.00-94.00; 90-110 lb. 77.00-90.00; 70-90 lb. 65.00-80.00; Utility 50-100 lb. 40.00-70.00.

FARM CALVES: Hol. bulls 90-135 lb. 90.00-135.00; heifers 90-130 lb. 90.00-120.00.

HOGS: 3932. Compared with 3780 head last week and 5317 head a year ago. 50-100 lower; US 1-2, 210-245 lb. 40.00-42.75; 1-3, 200-255 lb. 39.00-41.50; 2-3, 210-265 lb. 38.00-41.00; few 2-4, 230-285 lb. 36.00-40.00; few 1-3, 150-190 lb. 35.00-40.50; sows 1.00 higher; US 1-3, 300-650 lb. 34.00-40.00; few 2-3, 400-700 lb. 31.50-35.75; boars 27.00-31.50.

FEEDER PIGS: 1451. Compared with 1089 head last week and 1247 head a year ago. Mostly steady; US 1-3, 20-35 lb.

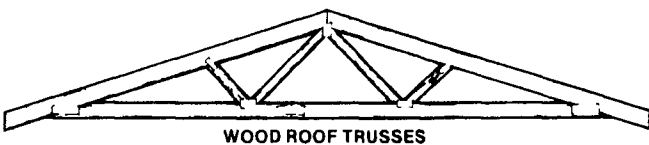
15.00-33.00; 35-55 lb. 25.00-40.00; few 50-75 lb. 34.00-43.50.

2 GRADED FEEDER PIG SALES: 3083. Compared with 2722 head last week and 2480 head a year ago. Uneven; 10.00 lower to 10 higher; few US 1-2, 20-30 lb. 95.00-150.00; 30-40 lb. 85.00-104.00; 40-50 lb. 75.00-104.00; 50-60 lb. 70.00-107.00; 60-70 lb. 65.00-93.00; 70-75 lb. 67.00-82.00; 90-110 lb. 50.00-65.00; 2-3, 25-35 lb. 76.00-84.00; 40-60 lb. 74.00-82.00; few 70-95 lb. 48.00-54.00.

SHEEP: 1332. Compared with 923 head last week and 1232 head a year ago. Wool lambs 3.00-8.00 lower; High Choice & Prime 80-115 lb. 60.00-76.00; Choice 75-120 lb. 59.00-70.00; Good & Choice 65-110 lb. 53.00-65.00; Good & Choice feeder lambs 45-80 lb. 65.00-90.00; sl. ewes 15.00-35.00.



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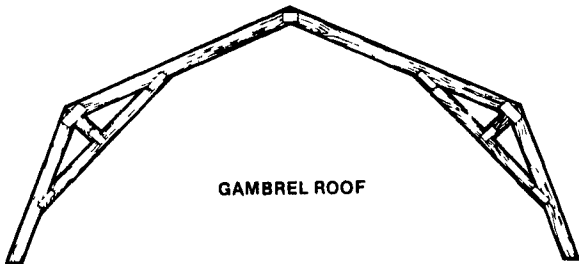


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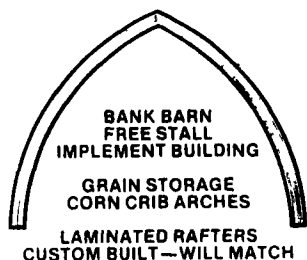
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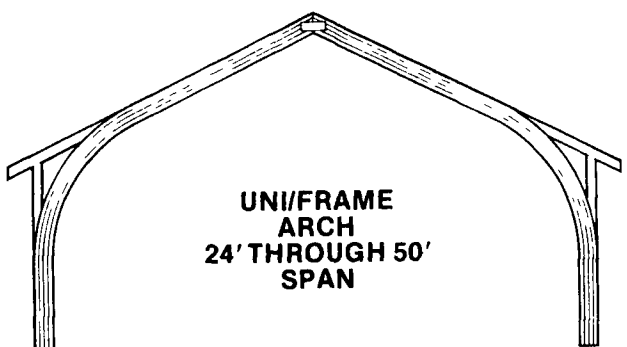
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PFA Presents Awards

(Continued from Page A1)

Mellott proposes that the energy be used to run an agricultural-industrial complex that would include cheese and alcohol factories, greenhouses, a beef lot, a meat-processing plant, and a cannery.

"Using the solid waste to produce steam for such a complex would create jobs and would develop a more practical approach for prevention of the loss of Pennsylvania's most important industry by enabling this industry to reduce production costs," Mellott commented. He estimates that Pennsylvania will lose 23 percent of its farm industry if long-range solutions such as synergism and an agri-complex aren't introduced into the economy.

In an agri-complex, the ag-related businesses would share energy and the by-products for one would be used by one or more of the others.

The first stopping point for energy in Mellott's proposed complex would be a cheese plant, from there it would go to a distillery. Accompanying it from the cheese plant would be whey, a cheese by-product. Whey contains 2.5 percent alcohol, which could be used along with grain for producing liquor.

Thin stillage water and coarse distillers grain, distilling by-products, would go with the steam-produced energy to a feedlot. "The thin stillage water mixed with bicarbonate soda, to make it more palatable, can be fed to steers. Cattle fed on the thin stillage/bicarbonate mix plus one pound of hay per day gained approximately 2.25 to 2.50 pounds daily," reported Mellott.

Distillers grain can be used to feed dairy cattle or used in pet food. Hot water, another distilling by-product, could be channeled to a greenhouse to provide heat in the winter months.

The manure produced at a feedlot could be used as fertilizer for the greenhouse, or it could be put through a methane digester for fuel. Another alternative "is to use heat to dry the manure to compress or pelletize it," said Mellott. "It

could be shipped to the South for nutrient-depleted cotton fields, sold to city residents as garden fertilizer, or used to fill old strip-mining sites."

Mellott suggested that the beef raised in the feedlot be slaughtered at the meat-processing plant; leftover meat scraps would go to the cannery to be mixed with distillers grain for use as small-pet food.

"An agri-complex would take the agricultural industry that utilizes renewable resources into the twenty-first century," Mellott predicted. "Instead of a band-aid approach that has been used in the past, this would implement a long-range plan....It would enable Pennsylvania to compete on the world market."

Awards presented

The PFA presented a Distinguished Service to Agriculture award to outgoing vice president D. Eugene Gayman of Chambersburg (Franklin) and Warren Lamm of Sinking Spring (Berk), executive director of the state House of Agriculture Committee.

The Barn Raiser award was given to Dr. Maurice K. Goddard, former Secretary of DER, for his work as chairman of the Vote Yes For Farmland Committee. This is only the third time the award has been presented since its inception nearly 10 years ago. The other recipients were former governor, Richard Thornburg, and Robert Morschak, former dean of Penn State Veterinary Science.

Gayman and Lamm were honored for their outstanding contributions to the betterment of agriculture.

As vice president, Gayman was responsible for leading PFA's annual policy development process, which provides the grassroots foundation for the organization. In that capacity, he served as chairman of the voting delegate sessions during each convention. Gayman also served as a voice for the organization, presenting testimony on farm issues in Harrisburg and Washington, D.C.

Lamm was one of the founders of the Berks County Farmers' Association and has remained a leader in agriculture during four

BY CAROLYN
HILSDON GILLES

Crawford Co. Correspondent

ERIE — Over two hundred gathered at Mercyhurst Prep School on Thursday, November 5, for the Annual Dinner Meeting of the Erie County Cooperative Extension Service. The meeting was opened by Executive Committee Vice President Garth Hetz and invocation was given by Rev. Daniel B. Edmunds of St. Paul's

decades. He has been the executive director of the state House Agriculture Committee since 1977.

Goddard has served as the Secretary of the Department of Environmental Resources under five Pennsylvania governors. Retired from office since 1979, he has remained active in forestry and conservation issues.

For the first time this year, PFA handed out All-Star County awards. They were given to Bradford/Sullivan, Franklin, and Somerset.

At the PFA business meeting, delegates voted 73 percent in favor of a dues increase of \$12 to keep the administration running. Also at this meeting, Guy Donaldson of Gettysburg (Adams) was elected vice president of the PFA, replacing Gayman who has held the post for 11 years.

Policy recommendations set

In the course of the three-day meeting, county delegates voted on more than 100 policy resolutions. They recommended:

- the federal order system for pricing milk factor to reflect the regional supply;
- that measures be taken to return the Farm Credit System to financial soundness without penalizing financially sound districts;
- that PFA work with the proper groups to develop guidelines for operating horse-drawn vehicles in the state and send the report to the county PD committee;
- the dairy buyout be used on a regional basis as a form of supply management when the milk supply is excessive;
- the state vo-ag staff be re-established to provide support for FFA activities, curriculum development, and vocational field services.

Erie Cooperative Extension Honors Urash

United Church of Christ.

After the dinner by Marie's Catering of Corry, Hetz introduced officers of the Executive Committee and special guests: Senator "Buz" and Mrs. Andrezeski, Rep. and Mrs. Bowser, County Council member Paul Foust, Mr. and Mrs. Russ who represented Karl Boyes, David Rothrock who represented Jim Merry, and County Council member Tracy Seyfert.

Hetz began by defining Extension as "a partnership of state and local government to create an organization that works for you." He then presented the slate of nominees for the Executive Committee. These directors serve without compensation for three-year terms, 10 to be elected each year.

Due to a resignation, 11 are to be elected this year. After asking for nominations from the floor, a unanimous ballot was cast for those on the slate. The 11 new Directors for the Erie County Extension Executive Committee were William Beckman, Grace Blount, Audrey Hamilton, Edward Hess, Richard Kebiak, Gregory Lehman, Dorothy Lockett, Andrea Maille, J. Wallace Miller, Jack Pavkov, and Barbara Ronksley.

Hetz introduced new Extension Director Brenda Skiba and read highlights from her resume, extolling her educational and professional accomplishments. Skiba then introduced state, regional and local staff.

Of Urash, Hetz said, "For the past 30 years, when anyone mentioned Extension in Erie County, one name came to mind, and that was Bill Urash." To honor the recently retired County Director, staff members created a slide presentation entitled "The Urash Years," highlighting the changes in Extension and the agricultural community over the 31 years under his leadership.

Home Economist Holly Hedstrom gave Urash a copy of the slide set on behalf of the county staff and Office Manager Dorothy Drake presented a framed photograph of him when he first became the Director of the county office.

Regional Director Homer Mazzer brought Urash a certificate from Epsilon Sigma Phi, an honorary extension fraternity, and Regional Agricultural Program Leader Dave Rynd presented him with lifetime membership in the National Association of County Agricultural Agents. Carl Beckman, Community Representative of the county ASCS office, presented Urash with a USDA certificate of appreciation for outstanding service to ASCS.

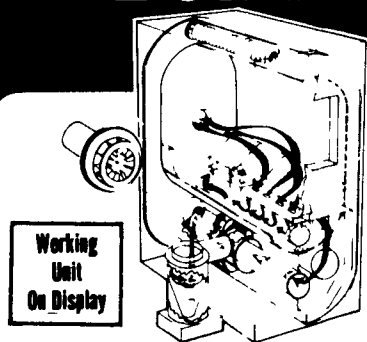
County Executive Judy Lynch brought a certificate of appreciation for Urash, to recognize his service to the residents of Erie County, and Representative Harry Bowser presented a citation from the House of Representatives of the Commonwealth of Pennsylvania.

Skiba then surprised Urash with an unexpected gift from the county Executive Committee: something that, she said, has "endured many a resting elbow, has been privy to confidential phone calls and conversations, spilled coffee cups..." — his oak desk. Following the evening's entertainment, all were invited for a coffee and cake reception to honor Urash and wife Lucille.

Entertainment was provided by hypnotist Richard Hazley, an English professor from Indiana University of Pennsylvania. Hazley, with help from volunteers from the audience, demonstrated the power of suggestion and various examples of hypnotic suggestion. He said that hypnotism is "nothing mysterious," just a test of how well a person can concentrate on what he asks them to do.



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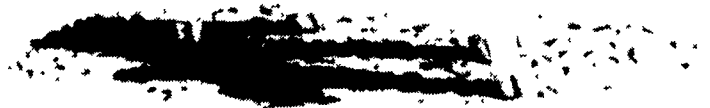


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Lancaster Poultry Association News

LANCASTER — The Lancaster County Poultry Association elected new officers on November 2. Robert Zimmerman of Reinholds was named president; Jack

Vanderwende, Lititz, vice president; Steve Combs, Lancaster, secretary; and Robert C. Garber of Mount Joy, treasurer.

Other board members include

the following:

TERMS EXPIRE - 1988
Linda Kreider, Quarryville; James Ranck, Christiana; Barry Renno, Mount Joy; Jack Vander-

wende, Lititz.

TERMS EXPIRE - 1989
Nelson Breneman, Columbia; Steve Combs, Lancaster; Milton Landis, Parksburg; Robert Zimmerman, Reinholds.

TERMS EXPIRE - 1990
Roger C. Garber, Mount Joy; Joseph K. Hemler, Jr., Lancaster; J. Doug Wolgemuth, Elizabethtown; Paul M. Wolgemuth, Jr., E-town.

COMMITTEES

Fund Raising - Bob Zimmerman, Chairman, Roger Garber, Joe Hemler; Membership & Fair - Milt Landis, Chairman, Roger Garber; Promotion - Steve Combs, Chairman, Jim Ranck; Publicity - Barry Renno, Chairman; Queen - Milt Landis, Chairman, Linda Kreider, Jack Vanderwende, Doug Wolgemuth; Banquet - Barry Renno, Chairman, Paul Wolgemuth, Bob Zimmerman; Tour - Nelson Breneman, Chairman, Linda Kreider; Educational - Jack Vanderwende, Chairman, Joe Hemler, Doug Wolgemuth; Nominating - Jack Vanderwende, Chairman, Milt Landis; Float - Jim Ranck, Chairman, Roger Garber, Doug Wolgemuth.

Kolter Backs Farmers Borrowers Rights

WEST MIDDLESEX — Congressman Joe Kolter, D-Pa., thanked members of the Pennsylvania Farmers Union for their work on the farm credit rescue package now moving through Congress, and said they ought to insist on retaining the House borrowers' rights provisions when the bill reaches a conference committee. The House has passed its farm

credit assistance bill, and the Senate is expected to vote on a farm credit package next week.

Kolter told members and delegates at the Pennsylvania Farmers Union convention here the bill could save at least three farmers now facing financial crisis in Indiana County alone. He said it creates new rights for both Farm Credit System and Farmers Home

Administration (FmHA) borrowers, including the right to review adverse credit decisions and the opportunity to repurchase foreclosed land.

One section in the House bill that has not gained wide attention is the appointment of administrative judges to hear FmHA appeals.

"FmHA's current in-house appeals process does not provide a borrower with the right to a fair appeal," Kolter said. He said FmHA's use of neighboring agency supervisors to hear appeals is tantamount to having county dis-

trict attorneys serve as judges in adjoining counties.

"These persons are very reluctant to modify or reverse decisions of fellow FmHA employees," Kolter said. He said more than 95 percent of appeals brought before FmHA are rejected under this system. However, use of administrative judges has been successful in other agencies. He pointed out that appeals brought before the Social Security Administration are successful 50 percent of the time because administrative judges are used.

Amasa Hill Farm Tops DHIA

With the highest herd average in milk, fat and protein and the high cow in fat, Amasa Hill Farm of RD Jermyn got most of the top awards at the annual meeting of the Lackawanna County DHIA.

The herd of 105 cows averaged 19,146 pounds of milk; 722 pounds of butterfat and 641 pounds of protein. Their Pearl cow produced 1,119 pounds of fat in 305 days for the top individual award.

Sheylard Farms, of RD Jermyn had the high cow in milk and the high two year old in milk and fat. Their Edith cow produced 27,937 pounds of milk in 305 days and Starry had 21,401 of milk and 830 of fat as a first calf heifer.

The high lifetime record in milk and fat went to the herd of Robert and Daniel Naylor, RD Factoryville. Their Booty cow in 10 lactations made 228,672 pounds of milk and 9,061 of fat and is still producing.

Ribbons for the largest herd average increases over last year went to Elwood White, RD Jermyn; Robert and Daniel Naylor and Amasa Hill Farm. Andrew and George Yedinak, RD Moscow and Paul Darling, RD Nicholson, also received awards from the Pennsylv-

ania DHIA for herd averages over 700 pounds of butterfat.

York County

(Continued from Page A1)

The survivors, according to Brockett, will be those farmers without debt and good profitability, with outside sources of income, and with a sharp business sense.

Several awards were presented at the banquet. They were high herd — milk and protein and high herd — fat won by Smyser Rich Lawn Farm; most improved herd based on fat won by Jim and Holly McCaffree; low somatic cell count won by Edwin and Carolyn Calhoun; high 305 milk record won by Smyser Rich Lawn Farm; high 305 fat record won by Robert and Michael Stewart; and high lifetime production milk and high lifetime production fat won by Earl Fuhrman.



The York County DHIA honored farmers with top herds. Receiving awards were left to right, front row: Carolyn Calhoun, Rodney Smyser, and Mike Stewart; back row: Robert Smyser and Earl Fuhrman.

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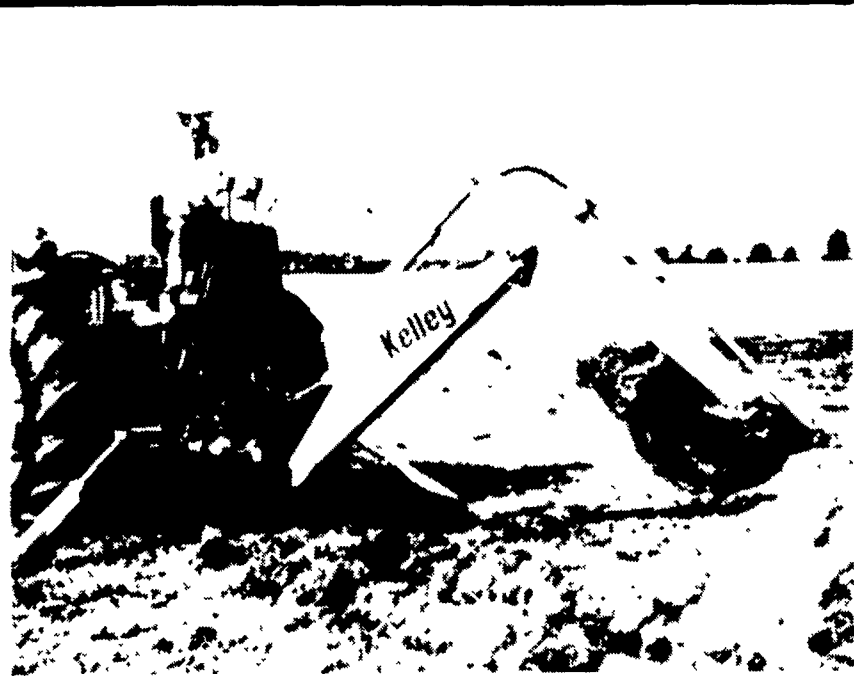
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Penn Dell's 'Glenna'

(Continued from Page A1)

having a champion from Penn Dell was an example to breeders throughout the country, of the quality Guernseys for which Lancaster County and the state can be proud.

In other business, Gerald Garber and Tom Kirk were appointed as new directors for 1988. Garber, told the breeders that he has several people interested in purchasing Guernsey calves and asked for those interested to contact him immediately. Alan Kozak, secretary of the Pennsylvania Guernsey Breeders Association also has several people interested in Guernsey calves.

Peter Witmer presented the production awards.

PRODUCTION AWARDS

—High 2-year old, milk and fat: Willows Elective Dancer, 20,754M, 3.9%F, 805F, 305D, owned by Jay Garber

—High Fat: Willows Emperor

Porcia, 17,312M, 4.7%F, 813F, 305D, owned by Ken Garber

—Three-year old: Romellas Choice Spark, 21,906M, 3.9%F, 860F, 305D, owned by Romella Farm

—High Fat: Willows Big Tex Velvet, 19,375M, 5.0%F, 961F, 305D, owned by Janice Garber

—4-year old, High milk and fat: Penn Dell Maverick Balsam, 19,701M, 4.7%F, 934F, 305D, owned by Raymond and Louise Witmer

—Aged Cow, High Milk and fat: Willows Noble Pearly, 22,612M, 5.0%, 1122F, 305D, owned by Kenneth Garber

—High Lifetime Production: Penn Del Boys Christmas: Born December 25, 1973; 166,989M, 8008F, owned by Peter C. Witmer

—High Herd Average: Milk, protein and fat; Lindenhof Farm, 44 cows, 15,807M, 4.6%F, 729F, 3.5%P, 558P. Owned by Axel and Millie Widman.

Nurserymen Search For Prospective Winners

HARRISBURG — The Pennsylvania Nurserymen's Association has opened its search for the six student recipients of \$1000 each for the 1987-1988 scholastic awards program.

Each year, the association recognizes the efforts of outstanding students in each of the five Pennsylvania colleges and universities offering horticulture, nursery production, landscape contracting, or a strongly related field.

The schools offering educational curricula are: Penn State University (2 programs), Williamsport Area Community College, Temple University-Ambler Campus, Delaware Valley College of Science and Agriculture and Community College of Allegheny County-South Campus. Each school will choose one student who meets the following criteria:

1. Student must be in second year of study in two-year program; or in junior or senior year of four-year program.

2. Student must have a 3.0 major

grade point average and at least a 2.5 overall cumulative average.

3. The student demonstrates the ability to apply knowledge gained to real life or on-the-job situations.

4. The student's personality and willingness to continue in the nursery industry will be considered.

These students will be presented with the check and a plaque at the Association's Annual Banquet held in State College. They will also be awarded a plaque at the chapter level of the association in their home communities. The money received is to be used for educational expenses.

The Pennsylvania Nurserymen's Association is a non-profit professional trade association dedicated to serving the needs of the Pennsylvania nursery-landscape-garden center-grower industries. For more information, call or write to: The Pennsylvania Nurserymen's Association, 1924 North Second Street, Harrisburg, PA 17102, (717) 238-1673.



Raymond and Louise Witmer (left), of Penn Dell Farms shared the trophy from the NAILE at the Guernsey banquet. Their son Peter (right) and Elsie Wolff, State Director, also traveled to the show in Louisville, Kentucky.



The Guernsey Breeders Association of Lancaster County honored members for outstanding production at Tuesday night's banquet. Pictured (from left): Kenneth Garber, Axel Linde, Millie Widman, Gerald Garber, Janice Garber, Peter Witmer and Don Brenneman.

MILK
AMERICA'S HEALTH KICK

Conservationists Honored At State Ass'n Banquet

TREVOSE — State conservation award winners were honored earlier this month by the Pennsylvania Association of Conservation District Directors, Inc. at its joint annual conference with the State Conservation Commission here in

Bucks County. Nearly 200 attended the 1987 PACDD Awards Banquet in recognition of outstanding accomplishments in soil and water resource conservation.

Master of Ceremonies and PACDD First Vice President, Martin Horn (Centre County), heralded the annual awards contest as a highly worthwhile tribute to the achievements of individual conservationists. "Local, grassroot

efforts in conservation farming, education, leadership, and watershed management," stated Horn, "are essential to resource protection statewide. These conservationists deserve recognition for their conservation ethics put to

practice on the land."

Goodyear Tire & Rubber Company representative Ken Morgan, Philadelphia District, was also present to honor Pennsylvania's two state grand award winners in the annual Goodyear Conservation Awards Program. Clinton County and Somerset County Conservation Districts were honored as two of 102 top prize winners nationwide in this awards program, sponsored in cooperation with the National Association of Conservation Districts (NACD). Clinton and Somerset Districts were presented plaques recognizing their achievements. Each district will send a board representative on the grand awards tour — an expenses-paid, vacation study trip in December to the Wigwam country club resort, Litchfield Park, Arizona.

NACD also presented a certificate of recognition to the state winner in the NACD/Deutz-Allis Conservation Educator Award, which was presented to teacher David P. Nace, Berks County.

PFU Delegates Pass Dairy Policy To Avoid Milk Price Cuts

WEST MIDDLESEX — Delegates to the 16th Annual Pennsylvania Farmers Union Convention here voted to support bills now in Congress allowing dairy farmers to pay an assessment on all milk marketed instead of being sub-

jected to a 90-cent per cwt. reduction in milk price supports that would be mandated by the Gramm Rudman budget balancing law. Gramm Rudman cuts will go into effect Nov. 20 unless Congress and the President arrive at a budget compromise.

Estimates show that Gramm Rudman dairy price cuts would reduce annual gross income to the average producer by approximately \$6,500.

The proposed assessment would

bring the same amount of money into the U.S. Treasury as the Gramm Rudman support cut would save, the delegates said.

The assessment bill supported by the PFU delegates is sponsored in the House by Congressman James Jeffords, D-Vt., and in the Senate by Senators Rudy Boschwitz, R-Mn., Robert Kasten, R-Wi., Charles Grassley, R-Ia., David Durenberger, R-Mn., and William Proxmire, D-Wi.

In other action, delegates

recommended: that all counties promote agricultural preservation districts; that the organization investigate a regional dairy production and pricing policy; that the \$11.10 per cwt. support price to be paid on a 3.5 butterfat basis rather than a 3.67 butterfat content; that handlers be required to at least match farmers' share of generic advertising and promotion costs; and that dairy supports not be affected by sod buster or swamp buster compliance.

Local Elects Officers

YORK — The Delta and York Locals of Atlantic Dairy Cooperative District 24 elected their respective officers at the local's annual meeting Oct. 6.

Officers elected for the Delta Local were: Elwood Krick, president; Leonard Greek, vice president; and Daniel J. Hushon, secretary/treasurer. All three officers reside in Delta.

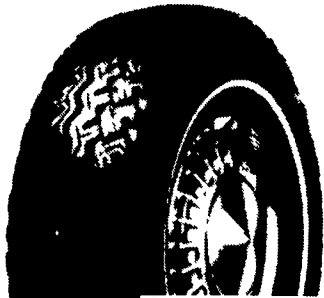
Greek was also appointed delegate to attend the cooperative's annual meeting Nov. 19-20. Krick was named alternate delegate.

The Central York Local elected the following officers: Doll Zirkle, Manchester, president; Charles Rauhauser, Dover, vice president; and Dale R. Klymer, York, secretary/treasurer.

Albert F. Dehoff, Dallastown, was appointed annual meeting delegate. Zirkle is the alternate delegate.

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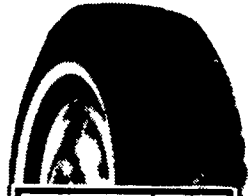


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P215/75R15	54.50
P225/75R15	56.50
P235/75R15	60.00

FIBERGLASS BELTED M&S

- 2 Fiberglass Belts
- Polyester Cord
- Pinned For Studs



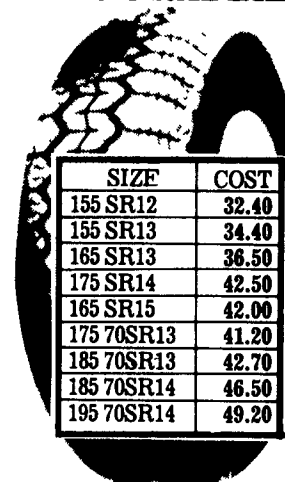
SIZE	COST
P165/80B13	33.00
P185/80B13	38.50
P195/75B14	37.50
P205/75B14	40.00
P215/75B14	41.50
P215/75B15	43.00
P225/75B15	45.50
P235/75B15	48.50

REVENGER RV RADIAL



SIZE	LR	Ply	COST	F.E.T.
HR78-15	C	6	96.00	NO TAX
LR78-15	C	6	98.00	.38
30.9.50R15	C	6	96.50	.24
10R15	C	6	99.75	.44
31-10.50R16.5	D	8	108.00	1.75
33-12.50R15	C	6	118.00	2.30
33-12.50R16.5	D	8	127.00	4.27
31-11.50R15	C	6	108.00	1.46

STEEL BELTED METRIC RADIAL



SIZE	COST
155 SR12	32.40
155 SR13	34.40
165 SR13	36.50
175 SR14	42.50
165 SR15	42.00
175 70SR13	41.20
185 70SR13	42.70
185 70SR14	46.50
195 70SR14	49.20

DUAL BITE NYLON



SIZE	LR	Ply	COST	F.E.T.
700-15	C	6	56.50	NO TAX
750-16	D	8	74.50	NO TAX
700-14	C	6	54.50	NO TAX
700-15	C	6	63.00	NO TAX
H78-15	C	6	75.50	

STEEL BELTED RADIAL REVENGER



SIZE	COST
P205/60SR13	59.70
P215/60SR14	64.20
P235/60SR14	70.00
P245/60SR14	73.50
P235/60SR15	76.50
P245/60SR15	80.25
P255/60SR15	83.00
P275/60SR15	84.40

SIZE	COST
P175/70SR13	53.50
P185/70SR13	55.50
P195/70SR13	56.70
P185/70SR14	57.80
P195/70SR14	60.20
P205/70SR14	61.00
P215/70SR14	67.00
P225/70SR14	70.20
P215/70SR15	70.30
P225/70SR15	72.50
P235/70SR15	75.00

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Deiter, McNamara To Lead Farmers Union

WEST MIDDLESEX — Allen Deiter, Northumberland, and Scott McNamara, Meadville, have been elected president and vice president of the Pennsylvania Farmers Union.

Deiter has been active in PFU since 1954 and is a charter member of the Northumberland County Farmers Union. He was named

acting president of the organization last year when former chief David Stetler resigned to work for the Pennsylvania Department of Agriculture. Deiter represents Far-

mers Union on the Fertilizer Advisory Committee for the Department of Agriculture, and is a member of the Department of Environmental Resources' Agriculture Advisory Committee. As state president, Deiter represents Pennsylvania farmers on the National Farmers Union board of directors.

McNamara farms in partnership with two brothers in a cow/calf and dairy operation. They market their

milk through the Farmers Union Milk Producers Association in Stoneboro. McNamara, who has been president of the Crawford-Venango Farmers Union, is president of the Crawford County Council of Farm Organizations. He was tapped by the state Farmers Union board of directors to fill Deiter's unexpired term as the organization's vice president last year, and has now been elected in his own right. He is also a dealer for Harvestore.

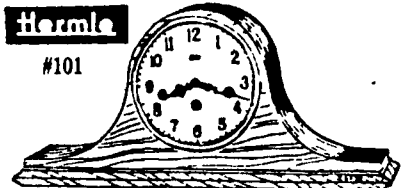
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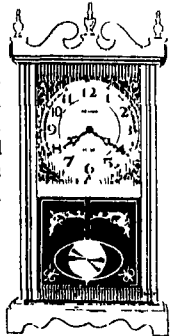
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Maryland Atlantic Locals Elect Officers

SOUTHAMPTON — The Atlantic Dairy Cooperative District 4 locals elected their respective officers at the district's annual meeting Oct. 14.

Elected as officers for the Centreville local were: Clifford Higgs, Henderson, Md., president; John Kimbles, Centreville, Md., vice president; and Bradford Moore, also of Centreville, secretary/treasurer.

Reed Leaverton, Centreville, Md., was appointed delegate to attend the cooperative's annual meeting Nov. 19-20. Eugene Higgs, Henderson, Md., was named alternate delegate.

The Sudlersville Local elected the following: Ronald Smith, Sudlersville, Md., president; James R. Spies, Henderson, Md., vice president; and John W. Skinner, Centreville, Md., secretary/treasurer.

Skinner was also appointed annual meeting delegate, and Spies was named alternate delegate.

Representing the Easton Local are: Frank Covey, Federalsburg, Md., president; Stanley Collier, Easton, Md., vice president; and Blane Harcum Jr., Mardela Springs, Md., secretary/treasurer.

Wade Dudrow of Easton was named the annual meeting delegate. Covey was appointed alternate delegate.

The Tri-County Local elected the following: H. Willis Snow Jr., Cordova, Md., president; C. Wayne Geisel, Denton, Md., vice president; and C. Olen Jarrell Jr., Denton, Md., secretary/treasurer.

Snow was also appointed annual meeting delegate. John A. Fuchs Denton, Md., is the alternate delegate.

Manna Pro Appoints VanDergrift As Equine Nutritionist

LOS ANGELES — Dr. William L. Vandergrift has joined Manna Pro Corporation as an Equine Nutritionist, it was announced by R.L. Young, president. Dr. Vandergrift will be located at the firm's Chamblee, Georgia office.

Prior to his association with Manna Pro, Dr. Vandergrift had previous feed industry experience including formulation, research, development and quality control of horse feeds, and he has published

various articles relating to equine nutrition and health.

He received his Ph.D. in Animal Nutrition at Texas A&M University in 1982 following his degrees, M.S. and B.S., in Animal Science from Texas A&M and University of Massachusetts respectively. He also served as Assistant Professor at the University of Georgia from 1982 to 1985 dividing his time equally between teaching and research.

The Black Gold Of Oswego County, New York

BY BARBARA MILLER

Lycoming Co. Correspondent
OSWEGO, N.Y. — Muckraking is a serious occupation for farmers living in Oswego County, New York, bordering Lake Ontario. It isn't that Oswego Countians spend time digging up dirt about each other, but rather, that they turn over their black mucky earth to make a profit.

According to Morris Sorbello, manager of Oswego Growers & Shippers, Inc. and muck farm owner, there are about 4,000 acres of muck farms in Oswego County alone. Muck farms can be found in Florida, Michigan, and Ohio as well, Sorbello says.

Muck farms, Sorbello explains, are really pockets of black organic soil ranging from 3 to 30 feet deep which were formed in the distant past from decaying vegetation. He compares their formation to that of a lake that has gone dry, leaving a residue of rich organic soil. Most of the muck farms were originally swamps that have been cleared and drained, leaving fertile farmland in their stead.

This rich soil coupled with the Lake Ontario's moderating influence on the climate of the surrounding countryside makes Oswego County an ideal spot to grow such crops as lettuce and onions.

"We are the biggest lettuce growing operation east of the Mississippi during our season," says Sorbello. Their ten week season begins the last of June and continues through the first week in September.

Approximately 60 million heads of lettuce and 40 million pounds of onions are produced and

sold annually by the Oswego Growers and Shippers, Inc. The company currently employs 30 workers on a year around basis and 100 workers during their busy summer season.

With rightful pride Sorbello mentions the beginnings of Oswego Growers and Shippers eight years ago. At that time muck farmers in the area banded together to form the cooperative. By having a central location for processing and marketing their produce they found the advantages were many. They were able to lower their costs through less duplication of effort and equipment. And they were able to keep an even flow of products to the buyers. After onion season is over, for example, Sorbello says, the cooperative purchases onion from Texas, Arizona and Oregon and sells them from their warehouse at a profit. This continuity of service keeps the customers coming back, he explains.

"We are very proud," Sorbello states. "In seven years we used more product than we can produce."

Besides increasing profits to area farmers involved, the success of the cooperative spawned a very desirable side effect. "Our children are staying on the farms because there's a future," Sorbello states.

Basically, one crop each of lettuce and onions is harvested each season, Sorbello reports, but on a limited basis they produce two crops. Both the onions and lettuce are grown from seed. About a half dozen varieties of lettuce including Iceberg, Boston, and Romaine are planted. When the lettuce matures in about 60 days it is packed in cartons in the field and transported to



The warehouse and shipping plant for Oswego Growers and Shippers, Inc.

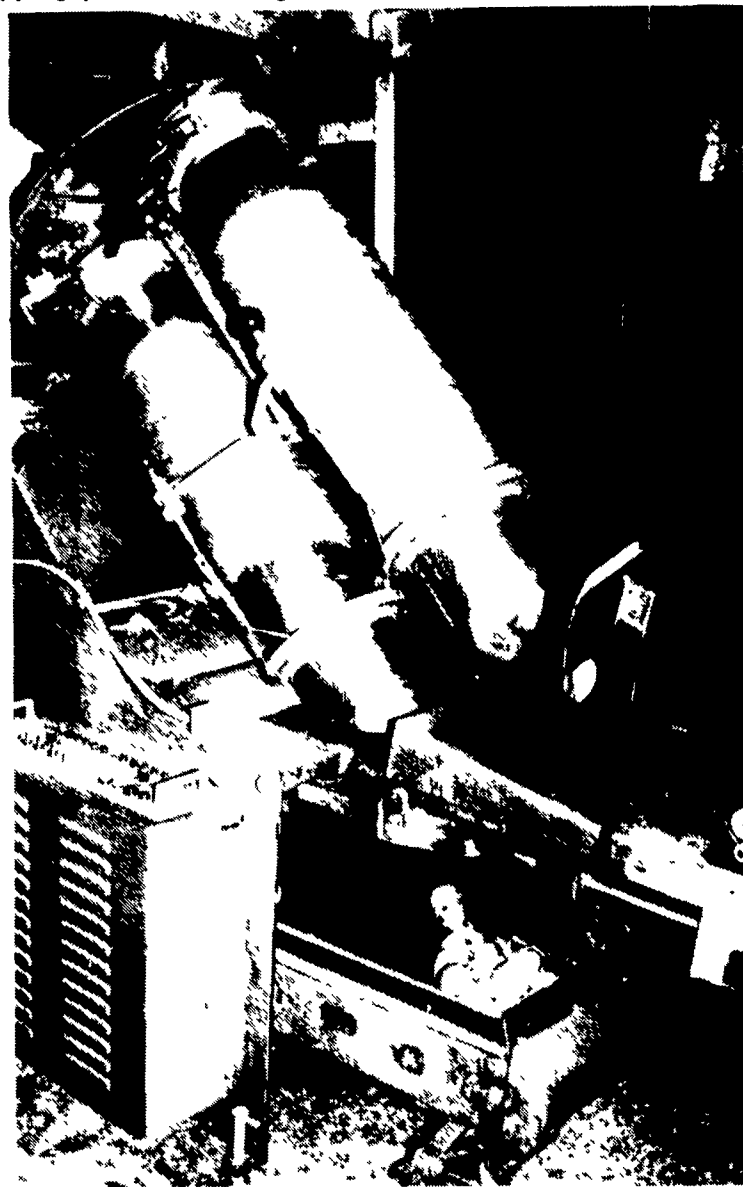
the plant. There it is "vacuum cooled" to a core temperature of 34 degrees. Then the lettuce is put in holding rooms and combined with other produce for shipment to buyers in the Northeast.

How to buy a good head of lettuce is a point of concern for Sorbello. Don't equate cabbage with lettuce," he says. "Buy springy lettuce. The harder the lettuce is the older it is."

The onions arrive at the plant in crates from the fields. At the plant they are graded, sized and cleaned and packed in various weights into the familiar netting sacks for shipment to buyers.

Sorbello, a past president of New York Vegetable Growers and now director among a long list of credits has been president of Oswego County Vegetable Growers Association for 16 years, has advice for farmers everywhere.

"The only way to succeed in farming is by working together, whether it is milk or whatever."



The bagging machine takes onions which have already been sorted and bags them in the familiar red netting to ship to grocery stores. These are three pound bags.

Limited BST Effect Seen For U.S. Dairy Industry Trends

WASHINGTON — Bovine Somatotropin (bST) will have less effect on the dairy industry than commonly thought, a U.S. Department of Agriculture analysis shows. The effect will depend upon the flexibility of the federal dairy price support program, according to a study by USDA's Economic Research Service.

Cows produce more milk at less cost when injected with bST -- a protein occurring naturally in cattle. Synthetic bST can now be produced at commercially attractive prices. According to study, dairy farmers are likely to use synthetic bST if the Food and Drug Administration approves it for commercial distribution because early users of the new technology

will realize significantly higher returns. The study assumes FDA approval by early 1990.

The ERS study was requested by the secretary of agriculture to analyze the likely effects of bST on overall milk supplies, commercial use, milk prices, milk production costs and returns, location and structure of milk production, the dairy price support program, and the U.S. competitive position in world dairy markets.

According to the study, if government support programs allow prices to drop enough to balance production and commercial use, the lower milk prices generated by larger supplies eventually will offset the bST-induced savings in production costs. Hence, the

effect of bST will depend largely on the flexibility of the price support program.

An inflexible program with high supports would lead to significantly larger government outlays and accumulating surpluses. With supports frozen at current levels, government purchases would rise sharply to more than 30 billion pounds a year by the mid-1990's, compared with about 5 billion today, the study shows. A flexible program will translate bST-related efficiency gains into lower consumer prices.

Effects of bST are likely to be less dramatic than often suggested, especially with a flexible price support program, the report notes. Available to all operators, bST will require little additional capital or operational changes. Thus, bST use should reinforce -- but not fundamentally change -- structural trends already underway, the study states. One such trend is toward fewer but larger dairy farms.

The U.S. position in the world dairy market under current trade policy would have little effect from bST. Under more liberal trade policies, U.S. competitiveness could suffer if bST were adopted abroad but not here.

The report, "bST and the Dairy Industry: A National, Regional, and Farm-level Analysis" is available from USDA-EMS Information, Room 237, 1301 New York Avenue, NW, Washington, DC 20005-4788. Telephone (202) 786-1512. A 16-page summary is also available.

National Ayrshire Show Hosts Ten States

LOUISVILLE, Ky — The number of livestock entries in the Southern National Ayrshire Show at the North American International Livestock Exposition (NAILE) was down slightly from last year. Down from 150 head in 1986 to 147 head this year, the Ayrshire Show, although not a national show, was represented by entrants from ten states.

ACP Hi Fonze Raguell, owned by David and Dora Hartford of Charlotte, Vermont, won Grand

Champion Female. Ayrshire Reserve Champion Female, Englan Commands Tally Ho, is owned by James and Joan Mueller of Cuba City, Wisconsin.

Tom B. Fenton and Sons, representing Emerald Farms, from Winchester, Ohio, was chosen Premier Breeder.

Dennis Patrick, Ayrshire judge, agreed, "One must work at it really hard and not take anything for granted."



Morris Sorbello showing a group how well a head of Boston lettuce keeps in their cooler. He also is telling them how to buy a good head of lettuce.

Dutch Country Growers Co-op

BY PAT PURCELL

What could the people of Boston possibly want from the people of Lancaster?

Give up?

Squash.

How do we know that?

Because they are buying them.

The vegetable produce grown by Lancaster County farmers finds its way to the tables of families in Boston, Philadelphia, New York, and as far south as Florida thanks to the efforts of Jacob Stoltzfus and Bob Todd, of the Dutch Country Growers Coop.

Four years ago, Stoltzfus, now the director, began the business of growing and marketing produce with only a dozen farmers. Today, coop sales manager Bob Todd, markets produce from 75 coop farmer/members all along the eastern coast.

Historically in Lancaster County, tobacco was considered a cash crop and every other farm set aside a few acres for tobacco to supplement the main income of farm. However, in the last few years,

tobacco prices have fallen dramatically as has the demand for tobacco. Compounded by the decrease in harvest due to the droughts experienced in some areas, tobacco farming has lost its benefits. Consequently, fewer farmers are finding it profitable to plant tobacco, however, the need is still there for them to diversify in order to supplement their income.

To bridge that income gap, many farmers have decided to plant one acre or several acres in tomatoes, peppers, or another marketable produce item.

"What it does it gives a farmer a way to diversify his income sources. How much he plants depends upon how much help he has," explained Todd.

Every spring Todd meets with the farm coop members to discuss plans for the next year's market. Taking into consideration what the market demands and what the farmer can handle in the amount of acreage and labor, Todd will make assignments and schedules for the upcoming market season.



Squash and tobacco share the warehouse of the Dutch Country Growers. The squash is being shipped to a supermarket in Boston. The tobacco will be sold the annual tobacco auction to be held Dec. 7.

Dutch Country Growers are able to sell to supermarket chains all along the east coast. Many of the buyers come from the southern states. Although most people feel the southern states might be able to produce enough of their own vegetable, Todd says that the coop has been able to sell to these markets because some are in areas where there has been extremely dry weather while others buy from the coop when their season is winding down.

The coop has grown from a dozen to 75 members because Lancaster County's reputation for producing top quality and fresh produce has grown.

"We have a good reputation because we insist on quality. It starts by us demanding what will be grown, when it will be grown, where it will be grown and how it will be grown," said Todd. "We delivered a truckload of peppers to a market in Boston and they told the driver it was the best load of peppers they have ever had. We like to hear that."

The Dutch Country Growers have hired specialists to advise farmers how to grow the best quality produce possible with the proper use of pesticides and fertilizers.

"We have built our reputation. We now have a better quality of produce than what we started out

with four years ago," said Todd.

There have been other changes made to assure that quality and to protect it once it has been delivered to their warehouse on Upper Valley Road, outside of Quarryville. With the addition of a walk-in cooler which measures 40' by 50', produce can be kept fresher longer. However, preserving freshness is not as important as delivering freshness. The key to Dutch Country Growers success has been simply to have the buyers lined-up before the produce gets out of the field.

"If we waited until we got the produce in the warehouse before we tried to sell it, well, it would sit here for a few days and then we'd find a buyer, then get it loaded and scheduled and by the time it might get to the market in Boston or North Carolina it would not be fresh," explained Todd.

"Last year we decided to strike out to really prove our quality. This year we've done it. We are getting better quality from our farmers and we have buyers for it when it is delivered," said Todd.

Any farm family with a few children can handle from one to three acres of produce as long as there is enough help. Produce farming demands a lot of labor time and is more demanding than tobacco growing. Todd does not

recommend more than five acres in produce.

The coop markets peppers, tomatoes, green beans, cabbage, broccoli, cauliflower, sweet corn, pumpkins and squash. There has been a good demand for peppers and according to Todd, peppers are somewhat easier to grow. An acre of peppers may bring on the average around \$3,000. In a very good year an acre may bring close to \$5,000. Prices vary so much that there is no guarantee what prices will be when the produce is ready for market. The estimates are based on what Todd has seen in previous years.

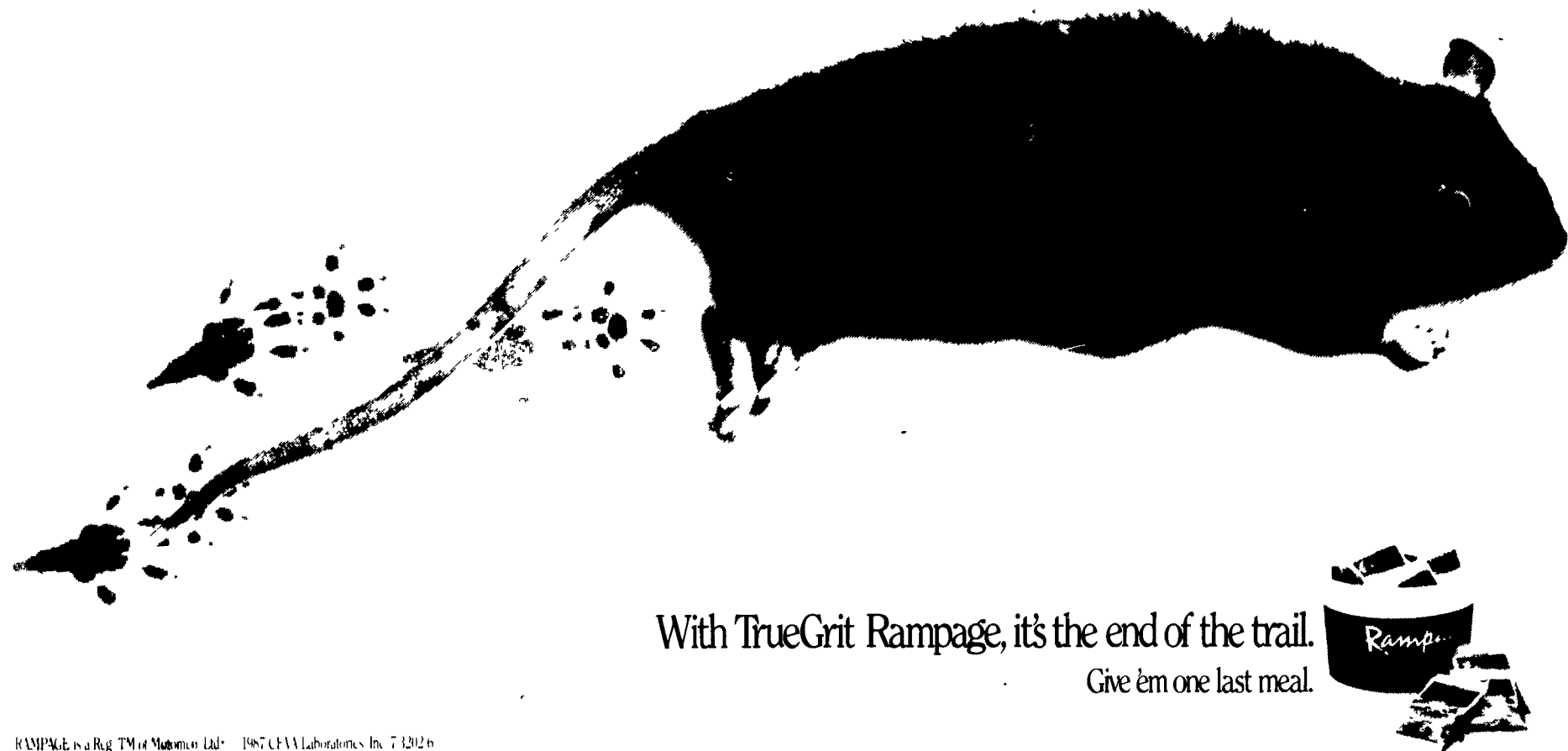
The crops are grown with the help of drip irrigation and black plastic on the ground to prevent weeds from growing. Growers have found this works best by producing better vegetables with less work. For approximately \$500 for the pump and filter for the irrigation system the farmer can get started in produce farming. Todd says although there are no plans to expand Dutch Country Growers operation, the coop always needs new members.

When not in the produce business, Todd, operates the tobacco auction. This year's auction will be held Monday, December 7.

For more information contact Bob Todd at 786-8500.



Bob Todd, sales manager of Dutch Country Growers examines the tobacco coming into the warehouse from area farmers.



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Dairy Herd Replacement

Calves Housed In Hutches Demand Extra Attention

BY PAT PURCELL

Editor's Note: This is the second article in the series on dairy herd replacement.

Calf hutches appeared on the scene approximately 15 years ago and were heralded as being the solution to calf mortality. Calf hutches offered such advantages over barn-raising such as:

- individual housing for each calf
- isolation from older animals
- well-ventilated pens, but draft free quarters

Housed separately, the calves will not be exposed to the diseases and ailments from the older stock. Housed individually the calves will not be spreading diseases among themselves. Also, respiratory problems often plague barn-raised young and that can be avoided in the hutches. The cold, fresh air circulates through the hutches and kills the germs which breed in the barn's warm, moist air.

"As long as the hutches are well tended, well drained, and well bedded, very few facilities can outshine them," said Glenn Shirk, Extension Dairy Agent and many others agree.

Calf Hutch Specifications

According to Pennsylvania State University Cooperative Extension, certain specifications for calf hutches should be followed. In the Pennsylvania area the hutches should measure 8' deep, 4' wide and 4' high with the front completely open. Calves should either be restrained by a fenced front yard or should be kept on a short chain. The hutch should be made from plywood or fiberglass. Walls must be completely airtight to prevent drafts.

The hutch must be placed on a dry, elevated area on a base of sand or gravel to allow for adequate draining. It should face south to allow the winter sun to penetrate and warm the hutch. Of most importance, the hutch should not be placed near exhaust fans from barns with older cows inside. This is a sure way to spread disease. The hutch should be well bedded with straw or shavings.

Hay and grain should be placed right inside the hutch to keep them dry. The bucket for drinking should be located outside the hutch on rack or a fence which helps to keep the bedding dry inside the hutch.

One item of care with housing calves in hutches is the bedding. Bedding must constantly be kept clean and dry. This point cannot be stressed enough. Although everyone agrees it is sometimes a difficult or inconvenient task to do when the temperature is hovering at freezing or when a driving rain makes being outside just extremely uncomfortable, it is critical to the calf's survival.

The hutch is built to house on baby calf from the age of zero to two months old, according to PSU recommendations, or until weaning age. When a calf is moved to another structure the hutch as well as the area beneath it should be cleaned and disinfected. The hutch should be moved to allow the area to be thoroughly dried by the sun, which also helps to kill bacteria.

Cold Weather Care Of Calves In Hutches

There are many farmers who find success in raising calves in hutches. However, cold weather care of calves in hutches demands extra care and attention. Cold weather puts more stress on the

animal and as a result cold weather increases the calf's need for high energy food. These small calves do not have the stored body fat when they are newborn.

This is especially important with Jersey calves which can weigh nearly 30 pounds less than a Holstein calf. They do not have a reserve of fat stored to sustain the level of necessary calories to keep them alive. In short, the owner cannot feed the calf in the hutch the same amount as he or she feeds the calf kept in the barn. The cold weather demands more from the calf housed in the hutch.

Extra Care For Calves

The PSU extension service has these suggestions:

— force-feed 3 quarts of colostrum to Holsteins; 2 quarts to Jerseys and Guernseys at birth.

— feed whole milk, sour colostrum or high fat (15 percent or higher) milk replacer twice a day at 10 percent body weight per day; warm liquid to 105 degrees before feeding; calves in hutches may need up to 15 percent of body-weight in liquid nourishment as temperatures drop below freezing

— calf hutches must be open in front, tightly closed in back and base, and well bedded and dry at all times

— provide fresh, high-quality hay and calf starter

— check calves twice a day; watch out for diarrhea, pneumonia, weight loss and dampness; act immediately when you see one of these

— follow your veterinarian's recommendations for vaccinations to be given to cows and/or calves for calf protection.

Newborns especially are extremely vulnerable to drops in temperature or changing weather conditions because they do not have a heavy growth of hair to keep them warm nor do they have

sufficient body fat to sustain them during times of stress. Stress caused by cold weather significantly increases the calves energy needs. The aim is to supply more energy through more solids and dry matter.

Cold Weather Drains Energy

Feed more liquids and thus solids per day as the temperature drops, suggests University of Illinois Extension Dairy Specialist, Michael F. Hutjens. As a guideline, consider feeding 10 percent more liquid per 10 degree F drop in temperature starting at 30 degrees F.

For example, if a calf normally receives eight pounds a day, a temperature drop to 10 degrees F would increase daily intake 20 percent, or to 9.6 pounds per day. And he cautions, if liquid intake is increased to more than 25 percent over normal levels, feed three times a day to avoid overloading the calf's digestive system.

Also, consider feeding a dry pelleted milk replacer to increase dry matter intake. This should result in early dry feed consumption -- 4 to 6 days after birth. Another option is to encourage calf starter consumption by 7 to 10 days after birth. This will provide additional energy for young calves.

Hutjens stresses that hutches are excellent for raising calves, as long as the proper nutrition and management are administered.

Convenience

"Calf hutches. I know that they have been the way to go, but it just doesn't fit with our operation. We'd have them sitting in the yard. We don't have the proper location for them," explains Peter Witmer of Penn-Del Farm, Willow Street.

"Calf hutches increase inconvenience of taking care of calves and may lead to the calves not being tended to as much, which means not having bedding changed fre-

quently and kept dry and clean. It goes back to being a good plant manager. A good plant manager will get better results from the laborers if there are good plant conditions to work in, good conditions lead to good performance," said Shirk. "The working environment must be conducive to enticing good management practices."

The idea of carrying water to hutches which will be frozen in a few hours, and cleaning manure out of hutches on a blustery mid-January day is not comforting to most people. Actually it may prove to be discouraging. These conditions may not be conducive to good management practices.

When the operator is uncomfortable from the cold, he is not likely to take the time to examine calves, to run his hands over their coats and notice differences, or to notice changes in their breathing, or to in general stay around long enough to look for signs of ill health. Perhaps that is why hutches work for some farmers, but not for others.

Long Meadows Farm, Hamburg, is home to approximately 100 milking Jerseys, owned by Dr. Robert C. and Helene Dreisbach. Helene manages the dairy operation. She uses hutches from April to November, but by the end of November she is making room for them in one of their barns.

"Calf hutches don't have the problems with ventilation, but there is more stress on an animal when it is cold. Jersey calves are frail and smaller compared to the big Holstein animals and Brown Swiss. They cannot withstand as much cold as the larger animals. It starts getting too cold for them around Thanksgiving," explained Helene.

While many farmers may find success with the hutches, there are many who do not and have no

intentions of adding hutches in the near future and they continue to raise their calves in the barn.

Helene added the hutches about eight years ago. Previous to that we had lost a lot in the barn. According to Helene her calves had experienced about every disease possible in spite of their efforts to be careful. Did hutches make the difference?

"Things are much better now. We can go a whole winter without a calf being sick," said Helene. "It has been a long time since we lost one. Calf hutches are much better because they are healthier, they are out in the air and respiratory problems seemed to be cleared up when they are out in the air."

Although it may contribute to their general good health, Helene feels there are so many factors to raising healthy heifers that it is difficult to credit one. Contributing to good heifer health is good help, good nutrition, and one factor which she feels contributed most strongly to their success is closing the herd.

"We have given up buying herd replacements. We raise all our own. We are not buying new animals, so we are not bringing in new bugs and apparently the cows have built up a resistance to the old bugs," Helene explains.

Also, Dr. Dreisbach is not out on the road treating diseases at other farms. She is not sure that has anything to do with her herd being generally healthier, but they do not experience many of the problems they previously had.

Ken and Marilyn Umble of Glen Valley Farm in Atglen, Chester County, have not had good luck with calf hutches. In the eight years they have used hutches the Umbles have lost six calves.

"I never lost a calf in the barn unless there was something wrong

(Turn to Page A37)



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Crawford Cooperative Extension Service Holds Annual Banquet

BY CAROLYN HILSDON GILLES
Crawford Co. Correspondent
MEADVILLE — Over 100 gathered at the Community and Convention Center on Wednesday, November 11, for the annual meeting and banquet of the Crawford County Extension Service. Representatives of various farm organizations, ag. related businesses, and government gathered for fellowship and to elect new members to the Extension Executive Committee. Commodity queens served pre-dinner refreshments and articles and photographs representing Crawford County agriculture, prepared by Anne Stewart of the Crawford County Historical Society, were on display.

Executive Committee member Sharon Wheeler introduced the commodity queens in attendance and, instead of having each give her usual report of activities, Wheeler asked each to respond to a question.

Dairy Princess Junia Laughery was asked if men as well as women are at risk for osteoporosis. She responded that they are, but that a woman's chance of getting osteoporosis is eight times greater, due to the man's greater bone and muscle mass.

Dairy Princess Alternate Michele Rambo was asked what she had learned at her seminar. Rambo replied that she realized the need to always have the facts with her to respond to questions. She also learned that one reason that milk is not a popular drink in restaurants is that it is not kept cold enough. Said Rambo, "We drink ice in our soft drinks; I drink my milk with ice in it!"

Dairy Princess Alternate Lori Black was asked how she would convince someone to use "real" dairy products. Black listed the nutrients that are only found in "the real thing."

Northwestern Pennsylvania Lamb and Wool Princess Emily Oberrath was asked why anyone should raise sheep. Her reply was that they are cute, adapt to the weather better than other animals and provide delicious meat.

Pennsylvania Maple Sweetheart Paula Holabaugh was asked what impressed her most about the State Maple Tour where she was recently selected to represent the state maple industry. Holabaugh answered that she enjoyed meeting the people that attended, not only from Pennsylvania, but from Vermont and New York as well. She enjoyed the exchange of ideas on

maple products but, said Holabaugh, "People were the best part of the tour."

Executive Committee President Doneva Hyde presented Extension Home Economist Ruth Prest with a gift to recognize her recent promotion to Senior Agent.

Nominees were presented for vacancies on the Executive Committee and, after asking for nominations from the floor, a unanimous vote was cast for the slate of nominees presented on the ballot. New Executive Committee members are: Norma and Joe Urbanick, Jr. from District A; Jerry and Linda Alsdorf and Alden Post from District B; Dean and Esther Horne from District C; and Charles and Joan Black and Dennis Rynd from District D.

Doneva Hyde then introduced the speaker for the evening, Robert L. Orner. Orner has been a teacher in the Titusville Area Schools for 20 years, a part-time instructor of graduate courses at Westminster College and a part-time faculty member of Shenango Campus of Penn State. In addition, he has been a Lay Speaker for the United Methodist Church and served at interim pastor for the Breedtown Baptist Church for three years. Orner, who won the 4-H State

Championship for Public Speaking in 1964, has been named Outstanding Secondary Teacher, Outstanding Reading Teacher of the Year, and is listed in Who's Who in America and Notable Personalities in America.

Orner, who presents many of his monologue presentations in character costume, delivered a sales pitch for self-esteem. Said Orner, "Attitudes are contagious." He urged those assembled, as church and community leaders, to be role models to motivate, stimulate and inspire others.

According to Orner, we really don't live as though today were "the first day of the rest of our lives," but if we lived it as though it might be the last day, we might experience the joy, ecstasy and rapture that were meant to be ours.

Orner stated that we only develop five percent of our potential. Defining self-confidence as "a personal belief that we are of worth or significant," he went on to cite that although 80% of first graders have high self-esteem, by fifth grade, the percentage is down to 20% and, by the senior year in high school, it is only 5%!

The process for building self-esteem, according to Orner, begins with establishing a goal, believing

in one's self, visualizing self-confidence in one's mind and then actually achieving the goal. He quoted Thoreau who said that an individual who is confident in the direction of his or her life will meet with unprecedented success.

Roger Bannister, who broke the record for the four-minute-mile, did so because he saw the potential inside himself. The next year, others were able to do it also because Bannister proved it could be done.

Orner said that we can look at the Rocky Mountains and see them as majestic and worthless or we can see them as "untapped possibilities." Deep inside each of us are things never touched. We are 95% yet to be realized! Orner urged that one's background need not block success and cited examples of famous personalities who had overcome their early beginnings to become successful. Failures, losses and shortcomings shouldn't cloud the real person. Lincoln lost seven of his nine elections, and Babe Ruth held, not only the record for the most home runs, but also the record for the most outs.

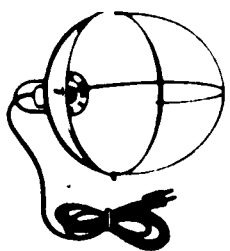
Orner stressed the importance of being a positive influence on those around us. "It takes," he said, "49 positive affirmations to wipe out the effect of one put-down." He closed with the poem, "The Things You Didn't Do," and urged people to write love letters, encourage young people, help the downtrodden, visit nursing homes, and show love to those near and dear.



Thanksgiving

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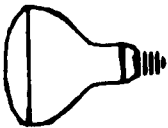
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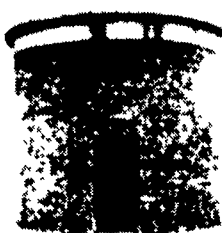


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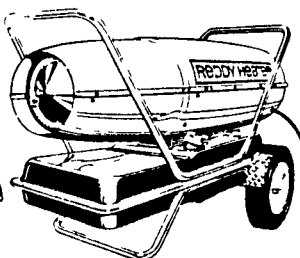
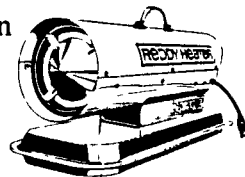


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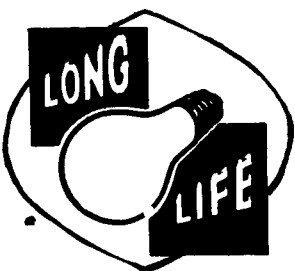
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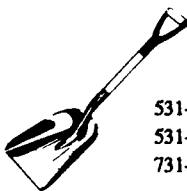


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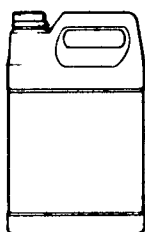
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Pot O' Gold Sale Gives Junior Breeders Chance To Purchase Top Heifers

LOUISVILLE, Ky. — Junior Jersey breeders had an opportunity to be Jersey cattle buyers at the Pot O' Gold Sale during the North American International Livestock Exposition (NAILE). Youthful buyers between the ages of 7 and 19 who are Junior Jersey Club members are eligible to bid on Jersey heifers at the sale. The sale, staged opening day of the NAILE at the Kentucky Fair & Exposition Center in Louisville, is sponsored by the American Jersey Cattle Club and is designed to assist young people interested in careers in the Jersey cattle industry.

Sixteen head of registered

Jerseys were auctioned at the Pot O' Gold, bringing a total of \$40,150 to farms consigning animals to the sale. That total represents an increase of more than \$11,000 over the 1986 total. Seventeen per cent of the money raised at the sale will be set aside in the Pot O' Gold Fund. Twelve junior Jersey breeders whose heifers purchased at the sale produce the most 4% Fat Corrected milk during the cow's first lactation will share fund proceeds.

The top price was paid for a heifer named Koons Magic Brass Donna, which was consigned by Kris Koon of Brashear, Texas. The

heifer was purchased by L. Summer Hanford of Marcellus, New York for \$3,200, which was \$500 more than the highest Pot O' Gold

sale price in 1986.

Average prices paid at the 1987 Pot O' Gold Sale were also higher

than the average sale price in 1986. Buyers paid an average \$2,509 this year, while in 1986 the average was considerably less at \$1,812.

Maryland Has Large Turkey Supply

Traditionally, Thanksgiving has always been the holiday to serve turkey. This year the supply will be large enough to carry on the tradition.

Nationally, there is a slight increase in the supply of turkeys; the supply of Maryland produced turkeys is also slightly higher than

in 1986.

Hens and Toms are larger in size than last year. The range in size for Hens is 10-22.4 pounds and Toms 21-35.6 pounds. The cost per pound, in most instances, should be about the same. According to the latest statistical estimates by the USDA, the average consumer

eats 16 pounds of turkey per year.

Maryland turkey producers contend that the flavor of a freshly dressed turkey far exceeds the taste of a frozen bird.

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Delaware Valley College Dairy Judging Team Reaps Honors

DOYLESTOWN — Delaware Valley College students competed

successfully at the National Inter-collegiate Dairy Judging Contest

held at the World Dairy Expo in Madison, WI the end of September.

Mike Swartley, a junior from Wysox, PA; Becky Rice, a Blairs-town, NJ senior; Ann Luno, a senior from Springville, NY; and Scott Cooper, a senior from Delta, PA, travelled with coach Jerry Myers to the national competition.

In the Brown Swiss competition, the team placed 2nd nationally, with Rice ranking 7th and Swartley was 14th individually. Rice and Swartley received 5th and 6th high honors individually, respectively, leading the team to

an 8th high team placing in the Milking Shorthorn Breed.

Luno was 12th high nationally in the Ayrshire Breed competition. She also received 18th high individual in overall reasons with Delaware Valley College placing 8th in team reasons. This is considered the most challenging and competitive segment of the contest.

In overall competition, Swartley was 12th high individual in a field of approximately 120 participants. DelVal landed a 17th place in overall team scores in a group of 29 teams, representing universities and colleges throughout the United States.

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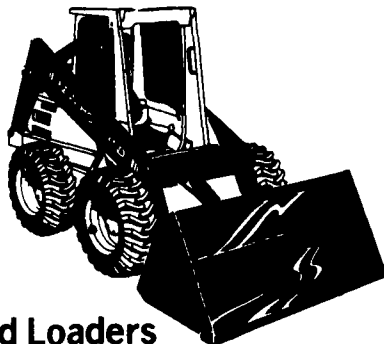
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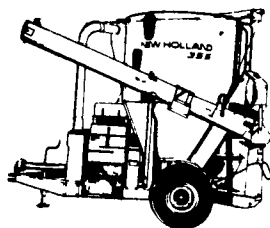


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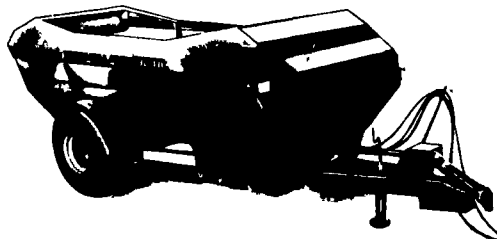
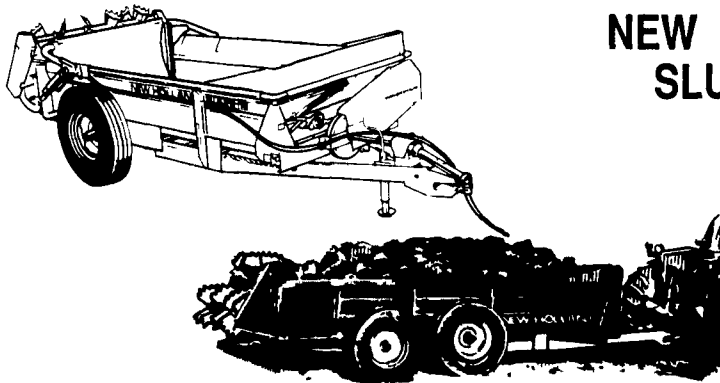
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(Continued from Page A32)

at birth. My hutches are empty and they are going to stay that way," said Ken. "My calves have had occasional scours, but I really haven't had much problem with disease being transmitted between calves and cows in the barn. There just aren't as many problems with calves in the barn."

The Umbles went to hutches eight years ago when they had several cows carrying embryo transfers to Osborndale Ivanhoe, one of the top Holstein sires in the country.

"When you start with the best, you want them to have the best. At that time the hutches were the way to go," said Ken.

The Umbles had four ETs born in October of 1979 and lost two heifers and one bull calf. The diagnosis was pneumonia, but they recently lost two more calves in the hutches. These recent deaths were attributed to coccidiosis and they believe that the previous deaths, since the calves had the same symptoms were also due to coccidiosis.

Hutches have many advantages, however there are many farmers who find success raising calves in the barn. How these farmers do that successfully will be discussed in next week's issue.

Energy Is Key To Future

WEST MIDDLESEX — Farmers should shift their focus from exports to energy, according to Congressman James Traficant, Jr., D-Oh. Traficant spoke to the Pennsylvania Farmers Union annual convention at the Sheraton Shennango Inn here.

"Specifically, I think one market that's available for our farm industry is energy. I can't see why we keep telling NASA to get us to the moon. Why don't we have NASA, in a project, help to develop another power pack for the American automobile so the research and practical application is in financial reason. Let's use the combination of American coal (which we have in plentiful supply) and our grains," to power it, he said.

Traficant said America is "allowing foreign nations to rape our economy," and that protectionism should not be a dirty word.

"Looking at agriculture's particular plight, I want someone to tell me where we're going to expand export markets," he said. Noting that Korea sends 1 million cars to the American market with only a 4 percent tariff, while American goods face a 35 percent tariff in Korea, he said the U.S. needs "any type of agreement to say look, you send over your cars and we'll send you our grain."

The Congressman said he is running for the Democratic Presidential nomination in Ohio, Pennsylvania and West Virginia in a bid to make other candidates face the troubles of the region's industry and agriculture.

Tele-Auction Called A Success

WESTFIELD, N.Y.— "We have arrived. We have gained buyer acceptance for beef cattle produced in New York State," said New York Beef Cattlemen's Association president Peter Nixon of Westfield as he commented on the success of the second annual Association sponsored Tele-Auction held Oct. 30 at the Finger Lakes Livestock Exchange at Canandaigua.

The 956 head of health managed cattle sold at the Tele-Auction grossed \$412,000 with prices exceeding those received for the same type of feeder cattle on the

same day at Virginia sales. The Tele-Auction played to a standing room only audience with brisk bidding from the floor and by telephone on each of the lots.

Nixon said, "We, the New York Beef Cattlemen's Association and its sale committee, have exceeded our goals and demonstrated that health managed cattle assembled in a central location, penned in uniform quality lots will attract in and out-of-state feedlot operators and order buyers. We have given the producers with small herds access to these volume buyers and competitive prices."

The 400-500 pound M-1 and L-1 steer calves averaged 85-90.5 cents per pound (compared to 75-87.5 cents per pound in Virginia); the 500-600 pound M-1 and L-1 steer calves averaged 83-89.5 cents per pound (compared to 73-85 cents per pound in Virginia); and the 600-700 pound M-1 and L-1 steer calves averaged 76-78 cents per pound (compared to 72.5 to 75.5 cents per pound in Virginia). The 400-500 pound M-1 and L-1 heifer calves averaged 70.5-75.5 cents per pound (compared to 71-75.5 cents per pound in Virginia). Some heifer calf lots sold from 85-95 cents per pound. The unofficial sale average for the yearling steers was 70-71 cents per pound and for the yearling heifers, 66 cents per pound.

The cattle all met health management and vaccination requirements in order to be eligible for the Tele-Auction. The cattle were

weighed, graded and penned in uniform lots the day of the sale. Also working with the Cattlemen were "Skip" Bevan, Dennis Widga and Weldon Hall of the USDA; Dr. Don Lyons and several students from the N.Y. State College of Veterinary Medicine at Cornell University; students from both Alfred State College and Cornell University.

Also Peter Comerford of the State Department of Ag & Markets; William Greene, Dan and Carol Fox and Carol Rasmussen of Cornell University; and Ron and Barb Parker and their staff at Finger Lakes. Nixon said, "We the New York Beef Cattlemen's Association and all those who consigned to the Tele-Auction, are very appreciative for all this assistance. Without it we could not have had such a successful sale." He also expressed appreciation to the consignors who made the commitment last summer to market their cattle at the Tele-Auction and

who followed through with the required health management practices.

Lee Kraszewski of Corning, Tele-Auction coordinator, reported a large percentage of the cattle remained in New York State. He said initial buyer response has been "satisfaction, with the cattle going right to the feed bunks."

Under a Department of Ag & Markets grant Kraszewski will soon begin a program following the cattle from the Tele-Auction to the feedlot and ultimately to slaughter. Data will be collected and returned to the producers and used within the state's beef cattle industry to determine how well the cattle perform "on the hoof and on the rail."

Even as the follow-up begins and the sale committee completes its reports, plans are underway for expansion and further implementation of this New York Beef Cattlemen's Association marketing program.

Farm Calendar

(Continued from Page A10)

Saturday, November 28
Mercer Co. Holstein Meeting
Wednesday, December 2
Lancaster County Conservation District Meeting, Farm and Home Center, 7:30 p.m.
Thursday, December 3
PA Egg Marketing Association, Olde Hickory Inn, Lancaster, 7 p.m.
Adams County 4-H Achievement Night, United Methodist Church, Gettysburg, 7:30 p.m.
Friday, December 4
Annual Sheep Symposium, The Embers, Carlisle, 12/4-5
New England Veggie Grower Convention, Sheraton Inn, Sturbridge, MA, 12/4-5
Berks Co DHIA Meeting, 4-H Center, 7:15 p.m.
Sunday, December 6
Faith & Farming IV, Laurelville Mennonite Church Center, Mt. Pleasant, 12/6-8

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Ephrata, Pa.

Farmers First Bank
Lititz, Pa.

Hamilton Bank
Lancaster, Pa.

Herr Angus Farms
Nottingham, Pa.

Herr Foods, Inc.
Nottingham, Pa.

John Hess
Manheim, Pa.

Kingsway Realty,
Lancaster, Pa.

B.R. Kreider and Son, Inc.
Manheim, Pa.

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Lancaster, Pa.

Lancaster Ford Tractor, Inc.
Lancaster, Pa.

Lancaster Level-Flo, Inc.
Mount Joy, Pa.

Christian W. Landis Agency, Inc.
Lancaster, Pa.

Martin Paving, Inc.
Ephrata, Pa.

Messick Farm
Equipment, Inc.
Elizabethtown, Pa.

Marvin Miller
Strasburg, Pa.

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Stables, Inc.
New Holland, Pa.

Stephen Petersheim
Cochranville, Pa.

Reinholds Lumber &
Supply Co.
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B. Titus Rutt Agency, Inc.
Mt. Joy, Pa.

Robert Shellenberger
Bird-in-Hand, Pa.

Stoltzfus Ins. Mgt.
Leola, Pa.

Earl Umble
Atglen, Pa.

Kurt Umble
Atglen, Pa.

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Mt. Joy, Pa.

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Senator Heinz Supports Competition For Research Grants

BY JODI RICHARD

Centre Co. Correspondent

STATE COLLEGE — "Agriculture is the biggest industry in the Commonwealth of Pennsylvania and we have one of the finest research centers on agriculture in America here at Penn State," U.S. Senator John Heinz (R-PA) said at a press conference Monday, November 16.

Heinz remains in opposition of the process which grants certain universities federal research funds outside of the competitive peer review process.

"Some in Congress want to put federal research and development in the pork barrel. While one can argue whether that's good politics, I believe it is terrible policy; and terribly wrong if America is to maintain the technological edge upon which future economic growth depends," continued Heinz.

Heinz believes there is not enough money available for health and safety research so has cosponsored legislation to provide \$20 million in fiscal year 1988 and \$25 million in fiscal year 1989 for the U.S. Department of Agriculture to award research grants to universities. The research would study food safety issues affecting poultry and livestock.

"Our national security rests to an extraordinary degree on our technological superiority. Putting

federal research funds in the pork barrel will only diminish the quality of research necessary to the American defense and economy," said Heinz.

Heinz hopes that these research dollars will protect consumers by eventually preventing contamination and problems with salmonella, the bacteria which causes food poisoning.

"Approximately 40% of all the chickens on the market and in processed foods are infected with salmonella," said Heinz. "We're all concerned about AIDS, cancer and diabetes and should also be concerned about salmonella because it can kill people."

This policy will be voted on Friday, November 20.

Ag Secretary Speaks At Extension Meeting

Secretary of Agriculture, Boyd Wolff, was the principal speaker at the 74th Annual Meeting of the Lackawanna County Cooperative Extension Association and is shown with County Commissioner Ray Alberigi and the newly elected officers.

LANCASTER — Many hundreds of farmers attended the Atlantic Dairy Co-op meeting held this week at the Lancaster Host Farm. On Thursday, members listened to reports given by the staff on the progress of the co-op.

Later that night, attendees heard an address given by Congressman James M. Jeffords of Vermont. Jeffords discussed the buyout program and proposed price cuts saying, "We have a no-cost program and shouldn't have any more budget cuts."

Jeffords stated that the nation wouldn't be facing a cut except for the milk situation in California. "California has 12 percent of the farms and 40 percent of the surplus milk," he said.

Following Jeffords speech, members were entertained by a song and dance group, The Castle Family.

Atlantic Dairy Co-Op Meeting Draws Largest-Ever Crowd



Congressman James M. Jeffords spoke to Atlantic Dairy Co-op members at their recent meeting in Lancaster.



Left to right are Pat Schlosser, Clarks Summit, secretary; Wilfred Richards, Dalton, president; Ray Keller, RD Clarks Summit, treasurer; Dave Taylor, Clarks Summit, vice president; Lackawanna County Commissioner, Ray Alberigi and State Secretary of Agriculture, Boyd Wolff.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

NOVEMBER

TUES. NOV. 24 - 10AM
Building Supplies, Flemington Builders Mart, Rt. 202, Flemington, NJ. 1 mi. N. of Flemington Circle South Bound Side 202). Peter

Costanzo, Auct

THURS. NOV. 26 - 9:30AM
Farm Eq., HH, Tools, Antiques, Riding Mower, etc. Borough of Bowmanstown on corner of Forge and

Franklin Street, Bowmanstown, PA, Carbon Co. By: Norman A. Hazenbuch Robert A. Arner, Auct.

FRI. NOV. 27 - 9AM Estate of William Wascher. Rt. 30 W. of York, PA, to Rt. 616 S., go approx. 2 mi., turn left onto New Salem Rd. to sale on right 1 mi. Continuation of sale from Sat., Nov. 14. Glassware, Kerosene Lamps, etc. Rentzel's Auct. Serv.

FRI NOV. 27 - 10AM Farm

Eq, Pickup, Lawn Tractor. 7 mis. S. of Tamaqua, 1 mi. N. of Snyders on Rt. 309, travel W. 2 mis. of Rt. 309 on Zions Stone Church Valley Rd., Schuylkill Co., PA Estate of Jennie Bachman. Robert A. Arner, Auct.

FRI. NOV. 27 - 10AM Furniture, Building Supplies, etc. Corner of Nissley Rd. & Centerville Rd. Across from Union Hall, 918 Nissley Rd. (Red Barn). By: Four Seasons Sports Complex. Johnson's Auct. Serv.

FRI. NOV. 27 - 11:30AM 50 Head Holstein Dairy Cattle 4 1/2 mis. N. of Woodsboro, MD, or 8 mis. S. of Taneytown, MD, on Rt. 194, 1/4 mi. E. on Good Intent Rd. at Ladisburg, MD. Richard H. & Rick A. Layman, Owners. Robert C. Mullendore, Auct

SAT. NOV. 28 - 8:30AM Furniture, Antiques, Personal Property. Chanceford Community Hall, off Rt. 74 rear of Brogue Post Office, Brogue, PA. Brian L. & Jacob A. Gilbert, Aucts.

SAT. NOV. 28 - 9AM HH, Furniture, Tools. Griest's Antique & Flea Market Items. South of Willow Street or north of Buck on Rt. 272 to Truce, turn W. on Truce Rd., approx. 2.2 mi thru town of Rawlinsville, Lanc. Co., PA. By: Ralph & Mina Griest. Roy C. & Eric R. Probst, Aucts.

SAT NOV. 28 - 10AM Equipment & Tools. For. Kinkade Mechanical Contractors, Caranaza & Hawkins Rds, Tabernacle, NJ Just off Rt. 206 south of Red Lion Circle. Richard Allen, Auct.

SAT NOV. 28 - 10AM Furniture, Antiques At Rudnick's Sales, Rt. 213, Galeana, MD. Harry Rudnick & Sons Inc., Aucts.

SAT NOV. 28 - 11AM Tractors, Combine & Farm Machinery. From Rt 50 at Easton, MD, take Rd 328 at Elliott Equipment, the Easton Denton road E approx 1 mi, first farm on left Frank Foreman & Sons, Owner. Joseph C O'Neal, Auct

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- Some Registered Cows and 1st calf heifers.
- A few Registered Heifers sell from Dams with up to 25,000 lbs. milk.
- 1 load cows, fresh and springers, consigned by Alfred Albright.

There will also be many more outstanding Registered cows. Being a Special Thanksgiving Sale our shippers are making an effort to get some top cows.

- 1 load fresh and springer cows consigned by Merle Brenneman.
- 1 load fresh and springer cows consigned by Marvin Eshleman.
- 1 load fresh and springer cows consigned by Raymond Smucker.
- 1 load fresh cows consigned by Dale Hostetter.

For More Information Contact:

Abe Dittenbach
717-354-4341

Norman Kolb
717-397-5538

Pennsylvania Holstein Association Dairy Promotion Contest

The Pennsylvania Holstein Association's 1987 County Dairy Promotion Contest is coming to a close. The contest, to recognize clubs who do year-round promotion work, covers promotion work done from January 1 - December 31, 1987. The completed report of the Dairy Promotion Committee are due at the Pennsylvania Holstein office by January 8, 1988.

The Dairy Promotion Contest Rules and Activity Report Forms are available from the Pennsylvania Holstein Association. Some things the report should include are the involvement of dairymen and agri-business in promotion efforts, resources used, resulting increases in community awareness in the use of dairy products, and proof that

promotional activities are carried out on a year-round basis.

The Pennsylvania Holstein Association is offering \$200 awards to the top county groups who do the best job of promoting dairy products. There is also a \$50 award to the group who comes up with the most innovative promotional idea used during the past year. These awards will be presented during the State Holstein Convention at the Willow Valley Resort, Lancaster, February 25, 1988.

If your county group needs an application or more information, please contact the Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801, 814-234-0364.



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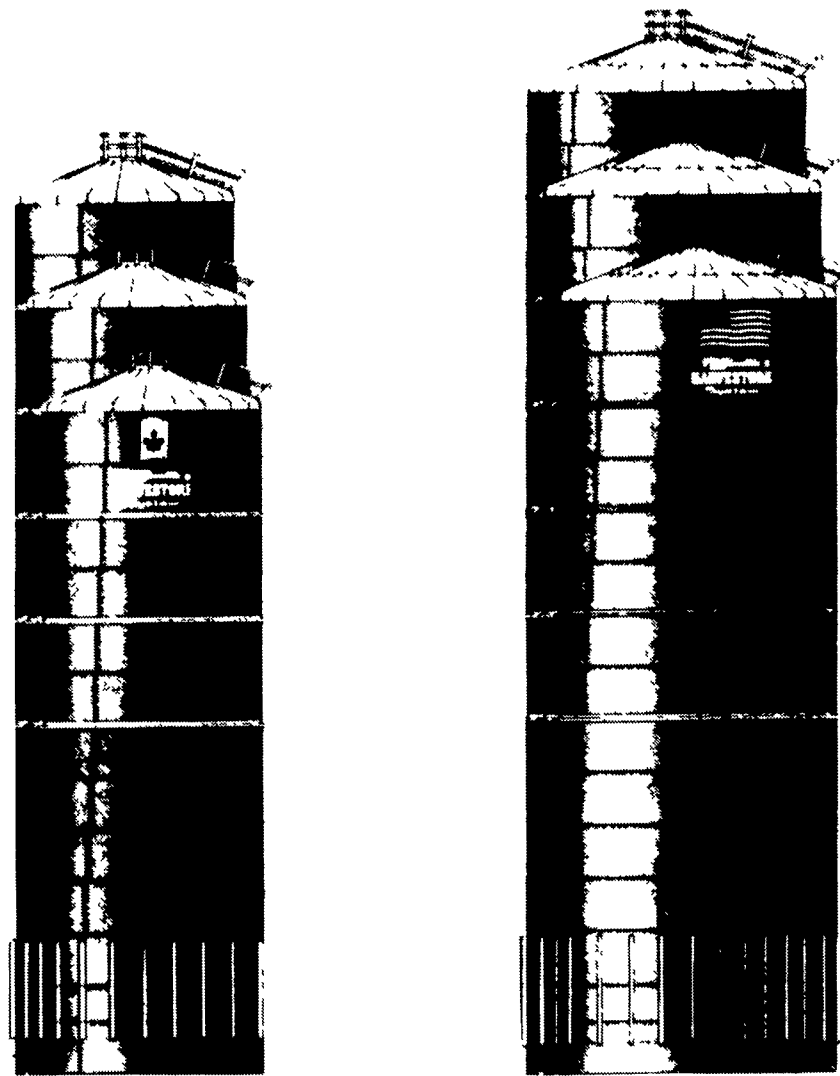
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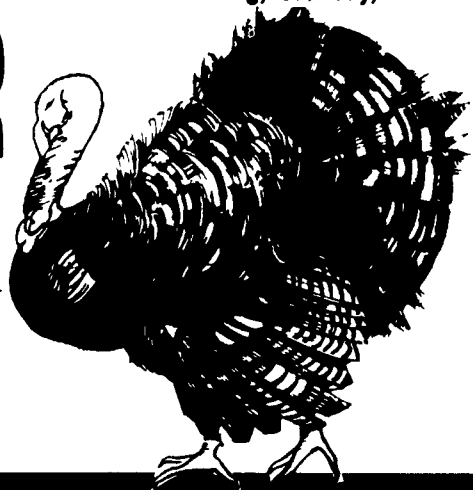
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2x8	4.95	6.19	8.15	8.35	10.29	—	—	—	—
2x10	5.25	6.59	8.89	12.75	14.59	—	—	—	—
4x4	4.05	6.39	7.25	7.29	10.35	—	—	—	—
4x6	7.39	9.15	11.89	13.15	16.85	19.45	23.45	—	—
6x6	13.45	15.45	19.19	21.59	27.49	32.29	38.25	43.79	50.09
2x6 T&G	3.85	4.55	6.05	6.45	8.59	—	—	—	—



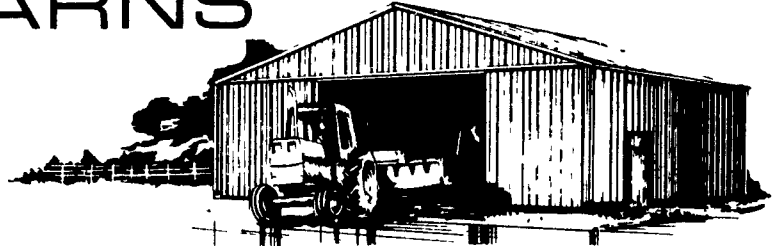
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2"x8"	3.79	4.73	5.68	6.63	7.57	8.88	9.87
2"x10"	6.07	7.58	9.10	10.62	12.13	14.25	15.83
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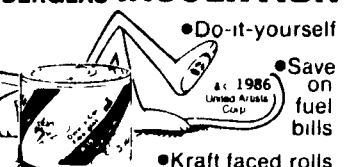
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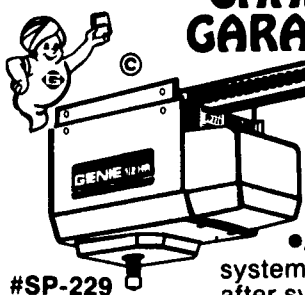
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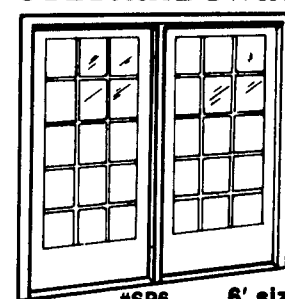
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Behind The Scenes With Tom Turkey

BY JOYCE BUPP

York Co. Correspondent

YORK — By Thursday, Thanksgiving Day, Clair "Skip" Fitz, Jr. will be especially thankful.

What he'll be thankful for, in addition to the blessings of life, will be a day of solid sleep.

Beginning this weekend, and continuing through December, sleep is a scarce commodity at Fitz's Meadowbrook Turkey Farms on Camp Betty Washington Road.

What is plentiful at Meadowbrook is turkey. From Thanksgiving week through Christmas, nearly 12,000 home-raised turkeys will be hand-dressed, quick-cooled, and placed in the hands of loyal customers. On the busiest pickup days, as many as 50 customers at a time may be waiting in line at the farm's processing room, with a security guard hired to manage the traffic congestion on the winding rural road.

Turkey has been a specialty at Meadowbrook since Skip's grandfather, William Fitz, introduced the fresh-dressed, home-grown big

birds at the York farmers' markets in the early 1900's. A five-generation farm through Skip's two children, Meadowbrook originally came into the family's ownership in 1865, when Isaac Fitz purchased the property.

Clair Sr. and Gladys Fitz continued the farm's poultry production and farmers' market retailing when they took over the business, about 1947. By the early 1960's, as many as 18,000 turkeys were raised, dressed and retailed annually, along with production of feed on the farm's 150 acres of cropland.

In August of 1963, a fall from a silo left Clair Fitz, Sr. paralyzed. Skip, then age 11, was well acquainted with all phases of the turkey production, dressing and retailing, having helped from when he was old enough to fold packing boxes. Sisters Donna, then 12, and Cindy, 9, were also familiar with the family business.

"From the time he was injured, through the holidays, I had to assume the responsibilities of an adult. But I was mostly worried

about my father, and didn't really think about having to carry the responsibility," Fitz recalls.

Through the efforts of family and friends, the Fitz youngsters, and Gladys, who visited Clair daily at the Philadelphia hospital where he was treated for many months, thousands of customers were not disappointed through the holiday season.

"I'm amazed at what she did, looking back," Fitz says admiringly of his mother and her capable handling of those hectic and uncertain months.

Still, three youngsters "grew up" quickly, he adds, although they remained active in school activities while assisting at home. The year following Clair's accident, turkey production was cut to about half, a flock size that could be handled by the family with the assistance of one employee.

Acquiring an associate degree in food service from Penn State, Fitz worked in the restaurant industry for a period, including a stint in management. But the lure of the farm was strong. Clair Sr. died in 1971, and his son made the choice to return home to carry on the family farming tradition. In 1985, Fitz purchased the Meadowbrook business and a portion of the farm.

Focus of operations have changed through the last decade. Contract production, once part of the turkey program, has been phased out in favor of total farm processing and retailing of the 12,000 birds. And, a hog production enterprise, also operated by Fitz through the 70's, was eliminated.

"I scaled back to what I could handle myself," Fitz decided. No feed is grown, and the land rented to other producers, so full attention can be given to the turkey production and retailing.

While giant commercial turkey production firms dress and freeze weeks ahead of holiday peak demand, the premium market for fresh-dressed birds continues to be Meadowbrook's specialty. The local clientele also favors a heavier bird.

"We specialize in larger turkeys; hens go in the 15-20 pound range, and toms about 25-30 pounds," Fitz explains. "Turkeys have an optimum weight level, and then feed conversion efficiency drops off. We spend the money and the time to raise heavier than the optimum efficiency weight, for our customers."

"In a heavier hen, there's a little



Youngsters - and adults - visiting Meadowbrook during Fitz's pre-Thanksgiving week of children's group tours never fail to be fascinated when he "rocks a turkey to sleep." Tucking the bird's head beneath its wing, and then gently rocking it for a minute or two, while the children remain very quiet, nearly always results in a snoozing turkey.



Reach out and touch....a turkey. This hands-on opportunity at Meadowbrook is a highlight of the trip for children visiting Skip Fitz's turkey production operation.

more fat, and a larger breast. That makes the meat more juicy and tender," he explains.

Although dressing begins on a limited scale in September, the processing room and refrigeration areas run in high gear from the Saturday before Thanksgiving through the day before Christmas. In the three days prior to Thanksgiving, up to 5,000 turkeys are dressed. Maximum number ever dressed in one memorable, marathon, workday was 1,900.

"That means working almost straight through some days, and going on four hours sleep," Fitz admits. Days off are a rarity through the year, and virtually impossible after dressing of the turkeys begins in the fall.

Processing is handled by a well-experienced crew of up to 25, and heavily concentrated on weekends when their time is more available.

"There are many who help, not for the money, but, as friends," adds Fitz.

Dressed turkeys are immediately plunged into ice water for about two hours, the time needed to cool the body cavity temperature to the ideal mid-30-degrees. Packaging is in "shrink" plastic bags, which mold to the carcass shape when the pack is plunged in hot water. The tightly-fit wrap eliminates air from around the dressed bird, better pre-

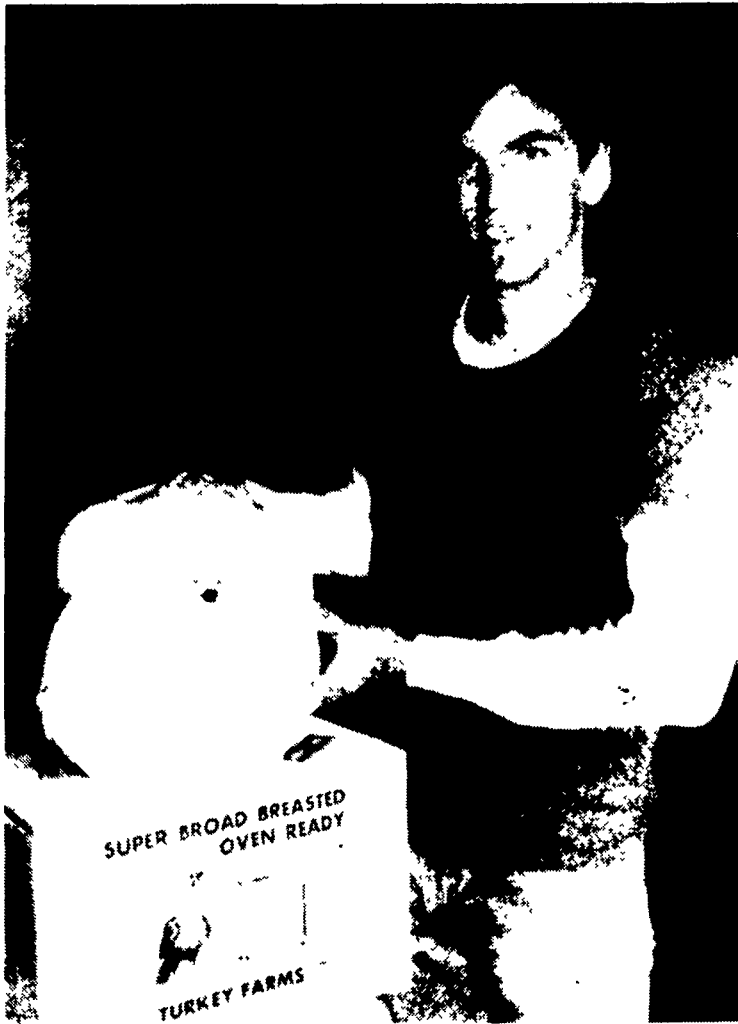
serving the moisture and tenderness of the meat. From refrigeration until delivery time usually is less than two days, and some turkeys even go direct from ice water bath to the customers' hands.

More than half of Fitz's sales are to local firms which provide holiday gift turkeys to employees. Many companies prefer frozen birds, which Meadow Brook also handles on site to serve that market. Social clubs and fundraising groups also utilize Meadow Brook turkey gift certificates for prizes in contests and drawings.

Gift-pack turkeys go into attractive, sturdy cardboard boxes bearing the farm's logo. Just shaping the 6,000-plus boxes needed each year is a chore. Fitz's children, Katy, 9, and Dusty, 6, lend a hand with this same job that initiated their father into turkey retailing. And, Gladys, now employed in real estate, still assists during the heaviest days of the holiday seasons.

Meadow Brook has no formal media advertising program for their turkey retailing. Satisfied customers who return yearly — and bring their friends — have held demand to fairly steady levels. And, a full week of tours for nursery-kindergarten children's groups offers a different angle of

(Turn to Page B4)



Gift turkeys go in sturdy boxes bearing Meadowbrook's attractive logo. More than half of Fitz's sales are to local business firms who use the farm-dressed turkeys as holiday gifts for employees.



Three to five-year-olds from the parents' participation nursery at Lutheran Memorial Church, York, take home turkey-feather quill pens after their tour of Meadowbrook Farms.

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Behind The Scenes

(Continued from Page B2)

public relations. It also provides Skip Fitz the chance to talk turkey to the audience he loves best — youngsters.

"It's at a time of the year — two weeks before Thanksgiving — when we're getting pretty busy. But, I get such enjoyment from watching the expressions on the kids' faces, and answering their questions, that I'd never give that week up," Fitz grins.

About 1,000 children tour the farm during that week, arriving at 20-30 minute intervals. They see the large houses filled with thousands of clucking, curious turkeys, and the feed and watering systems in the production areas. A favorite part of the tour for both kids and host is the hands-on "touching" opportunity to stroke a live turkey. Fitz points out the unusual body characteristics of turkeys, such as the beard, the caruncles, and the snood.

To reinforce what they've learned, children visiting this year received a coloring page of a turkey, with names of parts to identify. As an extra special gift to their visitors, Fitz and his children made 1200 quill pens, devised from tur-

ey feathers and a pen ball-point insertion, then decorated with spray paint. A letter to parents goes along home with each child, explaining the visit, and including sales and order information, plus a cash-off discount on a large turkey.

Pricing estimates begin in late summer, with Fitz closely watching national supply and marketing data. He predicts turkey prices to be down 15 to 20 cents per pound this year from 1986 levels, as the industry recovers from two years of tight supplies which followed flock losses due to the Avian flu epidemic.

In addition to fresh and quick-frozen birds, Fitz retails smoked turkeys and turkey breasts, and turkey steaks. A no-waste meat, turkey steaks are made from fresh turkey breast meat, cut into chunks and run through a tenderizer. Each cutlet-like steak weighs about a quarter-pound, cooks quickly and can be prepared in a variety of ways.

While the next few weeks at Meadow Brook Farms will reach the proverbial "madhouse" level of activity, Skip Fitz has no intentions of taking short cuts to serve a loyal following of turkey lovers.

Telling Your Child "No"

During the holiday season, you will probably say "no" to your children many times. The best way to avoid problems is to say "no" and then give the child a reason why the request cannot be met. Keep the reason short and explain in a way the child will understand.

For example, if a child asks for an expensive toy that you cannot afford, do not say "maybe" when you really mean "no." Be honest.

Try to show a child that you

know how he or she feels. You could say "I know you are upset because you can't have something." Then follow up your comment with a reasonable explanation of why he can't have that particular toy.

Do not change your mind once you have said "no". Changing your mind may only confuse a child and make him think you don't really mean what you say.

After a several-week period of physical and mental recuperation following the holiday crunch, and catch-up sessions with the office work, plans will be underway for the first batch of day-old turkey chicks to arrive in early summer.

In spite of his food service schooling and experience, Fitz is pretty much a purist when it comes to cooking his favorite fowl. Traditional roasting, then slicing leftovers cold for sandwiches is his preferred method.

He does recommend that turkeys be roasted breast down. In that manner, juices in the meat become more concentrated in the white meat area, rather than drain away as they would during breast-up preparation.

"They don't brown quite as well that way, but the meat is more juicy and tender," advises Fitz. "The last half hour of roasting, the turkey can be turned breast up to roast,

but often the meat is so tender that it may start to fall apart instead."

Come Thanksgiving Day, Skip Fitz and family will likely just skip the traditional bird for dinner, while being thankful that so many customers are enjoying a Meadowbrook turkey.

They'll also be thankful for a very few brief days of rest before the next big holiday dinner season rolls into high gear.



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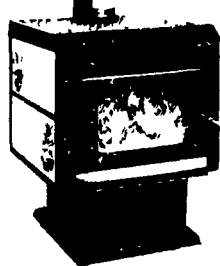
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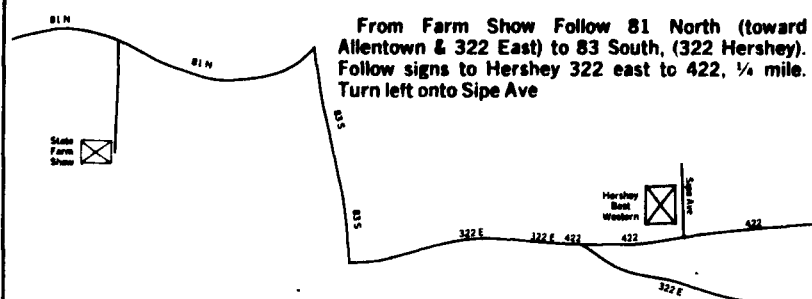
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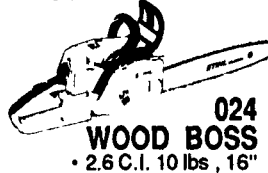
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Ida's Notebook

Ida Risser



We drove to our son's wedding in Chicago. It was a long 750 miles at one sitting. We only stopped to get fuel as I had packed sandwiches and drinks. Driving 60 to 70 miles per hour on the turnpike with lots of big trucks is rather stressful. Things can happen so quickly -- we saw one three-car accident.

We left home at 3:30 a.m. and arrived 12 and one-half hours later. Cindy went with us and did most of

the driving but Allen and I took our turns. It took longer to come home on Sunday night as traffic was heavier and the one lane "road repair" areas really backed up the traffic. However, we were lucky to have good weather although the forest fires in West Virginia caused a haze over the road in Ohio.

We were in plenty of time for the rehearsal in an old Lutheran Church. The minister had lots of rules that he wanted followed

exactly. Afterwards at the rehearsal dinner, we surprised another son and his wife with a cake as it was their tenth anniversary.

Our son Philip married Lisa Hamm, a staff writer for Lancaster Farming. She had made her gown, and it was very beautiful with lots of lace and beaded handwork. The church was decorated with lovely flowers, and her four attendants all wore teal blue gowns. The four men looked elegant in their tuxedos. The flower girls wore identical lace-trimmed dresses and even the groom looked handsome.

We had reserved five rooms in a nice hotel, and they were all along one hall so that we could easily visit. We gathered from Seattle, Memphis, Atlanta, Leola and Tunkhannock. It was good to see the grandchildren again. Fifteen-month-old Matthew was a bundle of energy, and he almost got lost as he ran down two hallways and was disappearing around a corner when I saw him. We not only had a wedding but also a family reunion.

Safe Turkey Shortcuts Pamphlet

Busy cooks eager to save time in preparing their holiday bird without cutting corners on food safety can get lots of good information from a new Cooperative Extension fact sheet, "You Must Be Joking-- Safe Turkey Shortcuts."

The two-page publication includes tips on buying, storing and serving fresh, frozen and pre-cooked turkeys, including safe handling of the stuffing to prevent food-borne illness. It also contains advice on ways to safely reduce turkey cooking time.

To obtain a copy of the fact sheet call, write or stop by one of

the following Delaware Extension offices:

Cooperative Extension Office- 1011 Park Place, Wilmington, DE 19806, (571-2498).

New Castle County Extension Office- Townsend Hall, University of Delaware, Newark, DE 19717-1303, (451-1239).

Kent County Extension Office- Lochmeath Plaza, 4601 South DuPont Highway, Dover, DE 19901, (697-4000).

Sussex County Extension Office- University of Delaware, Research and Education Center, R.D.#2, Box 48, Georgetown, DE 19947, (856-7303).

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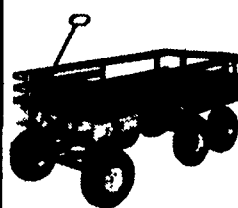
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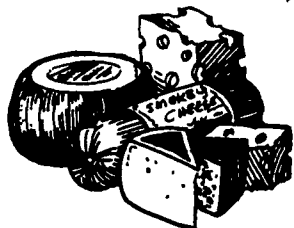
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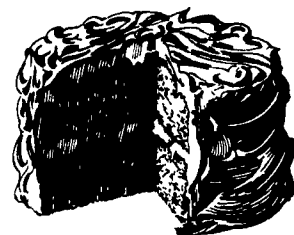
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Home On The Range



Enjoy Thanksgiving Leftovers

Long after the last Thanksgiving guest has departed, leftovers linger. In the days ahead, leftover desserts and salads are usually devoured by family members, and fortunately, there are many delicious recipes using turkey and gravy.

But what about leftover vegetables? Before you toss them away in disgust, check out these recipes that promise to transform leftovers into palate pleasing dinners.

You're sure to find one you like as well as the original Thanksgiving dinner.

TURKEY CROQUETTES

3 slices bread
1/4 cup milk
2 1/4 cups cooked turkey cut in chunks
1 cup chopped onion
2 eggs
1 teaspoon dried thyme
Salt and pepper to taste
2 cups seasoned bread crumbs
3 tablespoons chopped parsley
2 tablespoons paprika
3 tablespoons butter, melted
Gray (optional)

Soak bread in milk for 10 minutes. Remove bread, squeeze dry and shred. Reserve.

In separate bowl, combine 1 1/2 cups turkey, reserved bread, onions, eggs, thyme, salt and pepper. Toss well. Place mixture in food processor fitted with a steel blade. Using pulse action, process until mixture is well-blended but not completely pureed. Fold in remaining 1 cup chopped turkey. Cover and refrigerate for 1 hour.

Combine bread crumbs, parsley, paprika and melted butter in a 9-inch pie plate. Stir with fork.

Shape chilled turkey mixture into 6 large patties. Coat in bread-crumbs mixture and return, covered, to refrigerator for 1 hour.

Place 1/4 cup corn oil and 1 tablespoon butter in skillet. Over medium heat, cook croquettes for 7 minutes on one side, flip and cook 5 minutes on the other side or until golden. Serve immediately, with gravy if desired.

TURKEY ON A STICK

1/4 cup sliced green onions
1/4 cup shredded carrots
1 clove garlic, minced
1 pound ground turkey
2 egg whites
1/4 cup rolled oats
2 tablespoons catsup
1/4 teaspoon chili powder
1/4 teaspoon dry mustard
1/4 paprika
1/4 liquid smoke
1/4 cayenne pepper
10 wooden skewers (6-inch)

Mix together onions, carrots and garlic and steam lightly until tender crisp. Add remaining ingredients and mix thoroughly. Divide in 10 parts. Shape into 3-inch oval loaves. Insert wooden skewer in each.

Coating:

Combine 1/4 cup cornflake crumbs, 1/4 teaspoon paprika. Roll each turkey stick in coating. Arrange on roasting rack in a circle with skewers towards center. Bake 375 degrees until firm and brown. Serve with mustard sauce.

Tangy Topper Mustard Sauce:
1/4 cup low fat cottage cheese
2 tablespoons low fat plain yogurt
1/4 teaspoon lemon juice
2 tablespoons prepared mustard
2 teaspoon parsley

Blend ingredients in blender.
Arletta Schadler
Lebanon

FAVORITE TURKEY SALAD

5 cups turkey
2 tablespoons salad oil
2 tablespoons orange juice
2 tablespoons vinegar
1/4 teaspoon salt
3 cups cooked rice
1 1/2 cups small green grapes
1 1/2 cups sliced celery
1 13 1/2 -ounce can pineapple tidbits
1 11-ounce can Mandarin oranges
1 cup toasted almonds, slivered
1 1/2 cups mayonnaise

Cut turkey in chunks. Mix with salad oil, orange juice, vinegar and salt. Let stand while preparing other ingredients. Gently toss all ingredients together. Serve on lettuce. Serves 12.

Betty Biehl
Mertztown



If you don't have leftover stuffing, but you do have turkey and gravy, try serving potato filling and casserole with bits of turkey and hot gravy.

TURKEY CREOLE

1 cup chopped onions
1/2 cup chopped celery
1/2 cup chopped green pepper
1/4 cup butter
2 cups cooked or canned tomatoes
1 teaspoon salt
1 teaspoon chili powder
1/4 teaspoon pepper
1/2 cup instant nonfat dry milk
2 tablespoons flour
1/2 cup water

2 cups chopped cooked turkey
1 cup shredded cheese
Cook onion, celery and green pepper in butter until tender. Add tomatoes, salt, chili powder and pepper. Cover and boil gently for 15 minutes.

Mix dry milk and flour. Add water slowly, stirring until smooth. Add milk mixture to tomato sauce. Cook and stir over medium heat until thickened. Cook 2 minutes longer.

Add turkey, cover and heat slowly until hot, stirring occasionally. Stir cheese into mixture until melted.

Serve over hot noodles or rice.

POTATO FILLING AND CASSEROLE

4 cups mashed potatoes
3 eggs
1/2 cup warm milk
1 cup butter, melted
3 celery stalks
1 large onion
1/4 cup parsley
1/4 teaspoon sage
3 to 4 slices white bread, toasted
1-2 cups leftover peas or corn
Leftover turkey, chopped
Gravy

Mix together eggs, mashed potatoes, milk and butter. Chop celery, onion and parsley and simmer with sage until tender. Toast and cube bread, add to onion mix-

ture and fold into potato mixture. Add leftover bits of turkey and vegetables. Bake 350 degrees for 30 minutes. Serve with leftover gravy.

Mary Lehman
Pine Grove

LIMA BEAN-APPLE CASSEROLE

2 10-oz. packages frozen baby lima beans
1 apple, cored and chopped - not peeled
2 tablespoons water
1/2 cup mayonnaise or salad dressing
1/4 cup dairy sour cream or substitute low fat yogurt
1 tablespoon flour

1 teaspoon shredded lemon peel
1/4 teaspoon salt
1/8 teaspoon pepper
1/4 teaspoon nutmeg
1/4 cup coarsely chopped toasted walnuts

Combine limas, apples and water. Cook until beans are tender (Do on stove top or in 2 quart casserole in microwave oven). Stir once or twice.

In a bowl, combine mayonnaise, sour cream, flour, peel, seasonings. Stir into bean mixture. Cook until bubbly, stirring twice. (Do 4 minutes in microwave) or on stove top. Sprinkle with walnuts. Serves 8.

Note: Nice for buffet. Won't wilt.

Featured Recipe

This week's featured recipe comes from Betty Biehl of Mertztown. For thirteen years, Betty has faithfully submitted her favorite recipes to our food column. She has often answered questions for our "Cook's Question Corner."

Her husband Charles says, "She's a good cook."

Besides cooking for her husband, Betty has spent the last 19 years cooking for 400-500 students at Salisbury Township School. Try her recipe for your Thanksgiving dinner.

CHESTNUT STUFFING

3 cups bread crumbs
2 eggs
2 cups boiled chestnuts, shelled
1 teaspoon parsley
3 tablespoons turkey broth
1/4 cup hot milk
1 onion, chopped
6 large potatoes, cooked
Salt and pepper to taste

Brown the bread cubes in 2 tablespoons oil. Add onion and parsley and cook until tender. Add the seasonings and chestnuts. Bake 350 degrees for 35 minutes.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

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28-

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Dec.

5-

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12-

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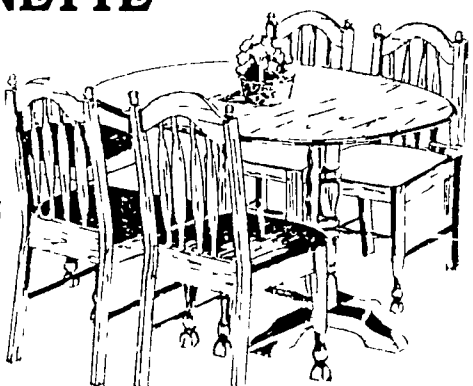
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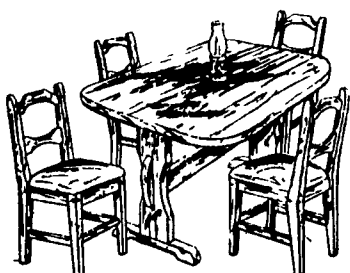
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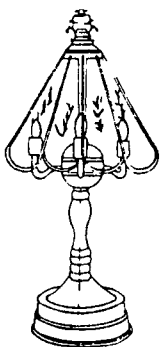


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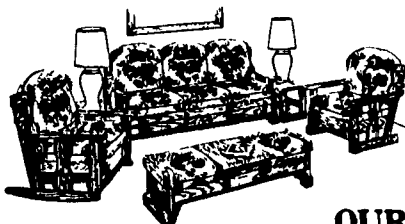
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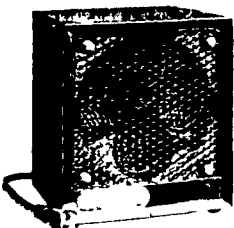


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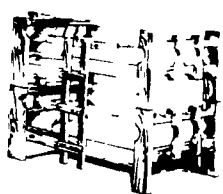
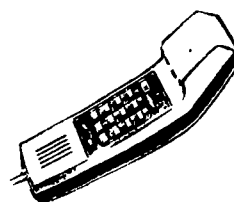
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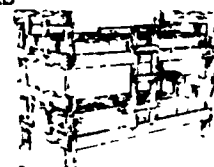
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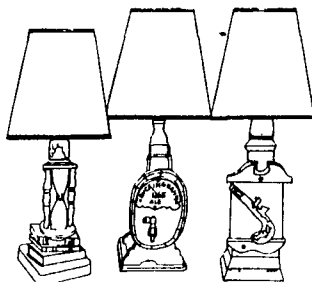
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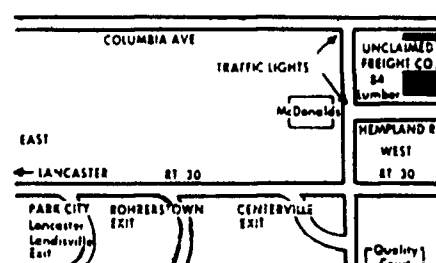
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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, PA 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs. Cyril Cassner, Newburg, requests a recipe for seafood salad that tastes like that served at Caesar's Palace in Atlantic City, N.J.

QUESTION - Edith S. Moore, Pennington, N. J., is very fond of pineapples and would like recipes using canned pineapple. Readers, please continue sending in pineapple recipes and we will feature them in a "Home on the Range" column in January.

QUESTION - Florence G. Nauman, Manheim, requests a recipe for homemade noodles made without egg yolks.

QUESTION - Mrs. Linda Claar, Woodward, requests a recipe for Peach Pot Pie. Her husband ate it when he was a boy.

QUESTION - A reader from Dry Run would like to know what is wrong with an English Walnut tree that bears fruit but drops it prematurely?

QUESTION - Dianne Aiscott, Honey Brook, would like a recipe for glazed chocolate donuts that have a cake texture, if possible, similar to those of Farmer Brown's in Morgantown.

QUESTION - E. Burkholder, Ephrata, would like a recipe for three layer cheese cake. She said the recipe had appeared in "Lancaster Farming" about 5-8 years ago. She believes the bottom layer was cake-like with a layer of marshmallows and nuts. The top layer was a rich frosting. Cream cheese was used in bottom and top layers.

QUESTION - Mrs. Donald Hill, Apalachin, NY, requests a recipe for homemade sausage with seasonings like her grandparents might have used.

QUESTION - Mrs. Harvey Shoemaker, Mt. Joy, would like a recipe for bagels.

QUESTION - Anna Mae Harmon, Harrisonburg, Va., requests a recipe for onion jelly and one for garlic jelly. She said she bought some while vacationing which looked clear with flecks of tiny onion bits or parsley in it.

ANSWER - Jeanne Kenna, Ottsville, requested a recipe for "Heavenly Jam. Thanks Charlotte Sharpless, Avondale, who sent a different version in then the two previously printed. Mrs. Sharpless writes that she has been making the jam since the 1930's.

Heavenly Jam

10 pounds dark Concord grapes
1 pound seedless raisins
4 large sweet oranges
4 pounds sugar

Wash oranges and squeeze juice from them. Remove the bitter white pulp and grind skins through grinder with small holes. Pulp the grapes. Put pulps on stove and warm until seeds can be easily removed through a colander. To the strained mixture, add the skins, oranges and raisins. Put all ingredients into a large kettle and simmer for 20 minutes or until syrup is formed. Chopped English walnuts can be added if desired. Makes 1 gallon of jam. Seal in pint jars.

ANSWER - Mrs. B. Smith, Jonestown, wanted to know how to can meadow tea. Thanks Grace Sadler, Myerstown, for answering the request. Thanks to Lucy Martin, Narvon, who suggested that meadow tea should be cut before frost and put into small plastic bags and frozen. When ready to use, add boiling water to tea leaves and steam for 10 minutes. Serve hot or cold.

Tea Extract

4 cups water
3 cups sugar

Boil together for 5 minutes. Add: 2 cups tea leaves (packed). Remove from heat and let set a few minutes. (Tea leaves may be removed if desired). Put 1 1/4 cups to 2 cups of tea extract (more or less to suit your taste) into gallon jar and fill with ice and water. Pour into containers and freeze or can. If canning, boil in water bath for 10 minutes.

Thaw Turkey In Microwave

NEWARK, DE. — Microwave ovens can be a real boon for hard-pressed holiday cooks. If you're short on time, consider using your microwave to thaw and possibly even cook your turkey this year--provided the bird isn't too large.

According to Dr. Sue Snider, University of Delaware Extension food and nutrition specialist, turkeys up to 14 pounds may be microwaved. Check your microwave

oven manual for instructions. Larger birds are likely to fit too close to the oven ceiling where the microwaves are emitted so that, even with frequent rotating, parts of them may overcook.

To defrost a turkey in a microwave oven, unwrap the bird and remove all metal closures. Then place it breast side down in a baking dish. Defrost on lower power, 6 to 8 minutes per pound, rotating

bottom to top and side to side. Shield areas that feel warm with small pieces of foil so that they don't start to cook. Position the turkey so that the foil-covered parts are at least one inch from the sides of the microwave oven.

When the turkey is nearly thawed, remove it from the oven and run cold water over it, letting the water flow inside the cavities to loosen the giblets and the neck. Store the giblets and neck in the refrigerator until ready to use, and let the bird stand in cold water until completely thawed.

When you're ready to start microwaving, truss the drumsticks (if desired) with string or dental floss. Then brush the turkey with equal parts of browning sauce and oil or water.

Begin microwaving breast side down in a baking dish, 6 minutes per pound on high. After half the cooking time has elapsed, pour off accumulated juices and reserve them for basting or gravy. Rotate the turkey, breast side up, and continue to microwave on medium high (roast) 4 to 6 minutes per pound. Larger turkeys should be rotated three times after the first three-quarters of the total cooking time has elapsed--side to side and, finally, breast side up.

Baste the turkey occasionally during microwaving and check through the oven door for areas that might be browning too fast. Use strips of foil to shield those areas, taking the same care in the placement of the foil as was done during defrosting. Leave the foil strips in place when rotating the bird.

Because microwave ovens may cook food less evenly than conventional ovens, take temperature readings from several parts of the bird--including the thighs and breast--when testing for doneness. Use a temperature probe or meat thermometer.

The temperature should reach 170 degrees F in the breast meat and 175 to 180 degrees F for dark meat. Allow 10 to 20 minutes standing time. Use a foil cover over turkey during standing time. "Pop out" doneness indicators are not reliable for microwaved birds but may be left in during cooking.

Understanding Loneliness

CHESTER — Loneliness is caused by anything that leads to lost contact with those who share one's concerns such as death, divorce or moving away. We can be lonely at any age, but we are more vulnerable to loneliness in our later years.

Social activity or a new friendship does not remedy loneliness automatically. It takes another emotional attachment of a single and intense nature, according to Robert Weiss in his book on loneliness. If that relationship can be established, loneliness ends abruptly.

Loneliness is distinct from grief in that most aspects of grief usually subside as time goes by. Shock disappears, anger and sadness diminish, but loneliness may be expected to continue so long as no new relationship is formed to replace what has been lost.

Loneliness is not solitude. Solitude refers to a time used to gain a clear understanding of oneself, to begin to be true to that self. Paul Tillich, a theologian, states that solitude is the glory of being alone while loneliness is the pain of being alone.

ANSWER - Mrs. Leon A. Kille, Bridgeton, N.J., requested a recipe for apple butter. Thanks Mrs. Mary R. Watkin of Clarksburg, Md. who mailed in her 92-year-old mother's recipe and to Orpha Ruth King, Myerstown, for sharing her very old recipe. Also, thanks to Marlene Sauder, Bowmansville, who sent a crockpot apple butter recipe

Old Fashioned Apple Butter

2 dozen medium apples quartered
2 quarts sweet cider
3 cups sugar
1 1/2 teaspoon ground cinnamon
1/2 teaspoon ground cloves

Cook apples in cider until tender. Press through a sieve or food mill. Measure 3 quarts apple pulp. Cook pulp until thick enough to round up in a spoon, stirring frequently to prevent sticking.

Add sugar and spices. Cook about 1 hour. Pour hot mixture into hot jars, leaving about 1/4 -inch of head space. Adjust caps. Process filled jars 10-minutes in boiling water bath. Makes about 6 or 7 pints.

Baked Apple Butter

Cook together until soft and put through colander:

4 quarts apples
3 cups water
Add:
1/2 cup vinegar and 1/2 cup water
5 cups sugar (sugar may be light brown)
1/2 teaspoon cinnamon
1/2 teaspoon allspice
1/4 teaspoon cloves, optional

Bake 6 hours in 225 degree oven.

Crockpot Apple Butter

2 1/2 quart applesauce
4 cups sugar
1 teaspoon vinegar
1 teaspoon cinnamon
1/2 teaspoon allspice
1 cup cider or apple juice

Boil cider until only 1/2 cup remains. Mix all ingredients into a crockpot. At bedtime, start crockpot on high and let boil during the night. The next day, stir frequently and allow to continue cooking. The apple butter should be finished cooking at noon or that evening, depending on the consistency desired. The apple butter will cook down to one-half of the amount of original ingredients.

ANSWER - Dorothy Renninger, Culpeper, Va., requested a recipe for tomato preserves. Thanks Dorothy Gruver, Pipersville, who thought Mrs. Renninger might like the following recipe.

Green Tomato Mince Meat

Grind 4 quarts green tomatoes. Drain. Add same amount of water. Boil for 5 minutes. Drain again.

Add:
1 1/2 pounds seedless raisins
1 cup chopped suet
2 tablespoon salt
1 quart ground apples (skin and all)
5 pounds sugar
Boil together until thick. When cold, add:
1 cup vinegar
2 tablespoons ground cinnamon
1 tablespoon ground cloves
1 tablespoon ground nutmeg
2 oranges (grind skin)
1/4 cup citrus
1 cup grapes (hand skin)

Jar and seal. No need to heat to seal. Makes about 13 pints.

ANSWER - Martha Smith, Millerstown, requested recipes using salsify other than in soup. Thanks Mrs. Harvey Shoemaker, Mt. Joy, for mailing in a casserole recipe.

Salsify Casserole

Wash and scrape about 4 cups of salsify and cut into 1/4 -inch slices. Cook in 2-inches of salted water. When soft, remove salsify from water. Add 2 tablespoons butter and 1/4 teaspoon pepper to water. Layer broken crackers and salsify in casserole. Pour broth over casserole mixture. Add milk until soggy. Bake at 350 degrees until light brown.

On being a farm wife - And other hazards

Joyce Bupp



Thankfulness. That's the word of the season.

And, every year, along about this time, we refocus our thoughts on those multiple blessings that come with being American, being free, and possessing standards of living that, by comparison to many parts of the world, are no less than luxurious.

We return thanks for good health, loving family and friends and the beauty of the ever changing countryside.

Still, there are so many little delights, small pleasures, which add glorious abundance to daily living, passing joys which scatter like soft, pastel rose petals strewn at random along the path of our days.

Like the dead tree outside the kitchen window. The Farmer planted it for me not long ago.

Wait. Before you jump to conclusions about what that says of his opinion of me, let me explain.

Visiting a park recently, he noticed that a few dead saplings had been placed near their bird feeder, offering open, handy branches for the feathered visitors. Having caught my "bird fever," and just as fascinated with the feathered friends which come to dine on sunflower seeds, he relocated a maple sapling next to our feeder. Within days, the first Even-

ing Grosbeak to ever visit the feeder was perched in its branches.

We are thankful for the pleasure derived from a dead tree.

Flowers are a must on my "thanks" list. Especially one hardy, maroon chrysanthemum variety, which defiantly remains crisp and colorful, even after the snow and ice coating melted away last week. This "mum" can nearly always be counted on for blooms almost to Thanksgiving Day, making those last few in the border especially precious.

Geraniums, pansies, begonias and marigolds thriving under glass and sunshiny afternoons, and potted hyacinth bulbs rooting in the ground cellar add great moments of pleasure to my days.

And I'm thankful to be able to defy the seasons and enjoy small bits of greenery and blossoms year-round.

On a chilly, damp, raw morning, few things sooth the senses like the warmth of the wood stove. Walking into a wood-warmed basement is the equivalent of being hugged by your house.

For wood stoves and a stack of wood piled up to here, we are grateful.

With a family in which members are constantly headed in and out — rarely at the same times — I find thankfulness in occasionally

being able to sit down to a meal with everyone together.

For the sheer beauty of a V-formation of geese heading toward the south horizon, for the soaring of a red-tailed hawk over the meadow, for a bold, bright-eyed gray squirrel who hangs upside down on an old oak and chews me out for crossing his woods, I find immeasurable thankfulness.

For a small army of fat, fluffy, furry kittens, who care not that I wear faded jeans or get grouchy on

occasion, but crawl into my lap and purr madly, regardless; I find gratitude and pleasure.

For life's little comforts, like electric blankets, and cozy, comfortable sweatsuits, we are thankful.

For the wind chimes melodiously swaying away on the corner of the back porch, we are thankful.

For clean windows. A humorous note from a friend. Chocolate candy. And ice cream — of any flavor. Ball point pens with fine

tips and flowing ink. Well-worn-in sneakers. Car heaters on frosty mornings. A bowl rounded with crisp apples and juicy, flavorful oranges.

For all these small pleasures which add immeasurable satisfaction to our lives, we are truly thankful.

Including turkeys. Dressed. And ready to roast.

Enjoy yours. And have a blessed Thanksgiving.

Microwave Cooking

By Audrey Hallgren

Just in case some of you missed the opportunity to attend the annual "Christmas in October" program held recently at the Farm and Home Center, here is a sampling of recipes featured in the "Have a Heart Healthy Christmas" recipe booklet.

You can get a jump on holiday cooking by preparing and freezing your goodies now; so accept the challenge and make it a more healthful holiday season for your entire family!

POPCORN MACAROONS

1 cup unsalted popped corn
1 cup finely chopped walnuts
3 egg whites
1 cup powdered sugar
¼ teaspoon vanilla

Chop popped corn finely and mix with nuts. Beat egg whites in a separate bowl until foamy. Gradually add sugar and continue beating until egg whites form stiff

peaks. Add vanilla and beat. Fold popcorn and nut mixture into egg whites. Drop by half-teaspoon onto lightly oiled cookie sheet. Bake in pre-heated 300 degrees conventional oven 30-34 minutes. Transfer to cooling rack immediately.

APRICOT BARS

1½ cups sifted all-purpose flour
1 cup brown sugar
1 teaspoon baking powder
1½ cups quick-cooking rolled oats
¾ cup polyunsaturated margarine
¼ teaspoon salt
¼ cup apricot preserves

Sift together dry ingredients; stir in oats and sugar. Cut in margarine till crumbly; pat ⅔ of crumbs in 11x7x1½ inch glass dish. Spread with preserves; top with remaining crumbs. Bake in microwave oven on full power for 10-12 minutes. Cool. These bars will be more firm and easier to cut if you place them in the refrigerator for an hour or two.

COARSE AND SWEET MUSTARD

½ cup mustard seeds
½ cup water
2 Tablespoons dry mustard
¾ cup cider vinegar
1 small onion, chopped
2 Tablespoons brown sugar
2 cloves garlic, minced
1 teaspoon salt
½ teaspoon ground cinnamon
½ teaspoon ground allspice
2 Tablespoons honey

Combine mustard seeds, water, and dry mustard in a small bowl; let stand at room temperature at least 3 hours. Combine remaining ingredients except honey in a 2 cup glass measure. Microwave at High, uncovered, 6-7 minutes. Strain mixture into container of electric blender. Add mustard-seed mixture, and process 15-20 seconds or until mixture reaches desired texture. Stir in honey. Spoon mustard into containers, and chill 3 days before using.

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Kid's KOrner

Thanksgiving Day

By Linda Glick
Age 12

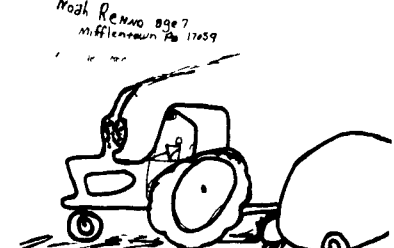
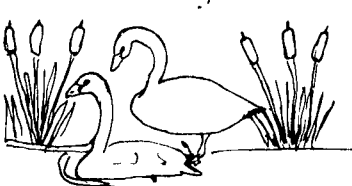
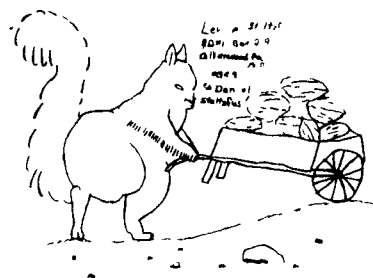
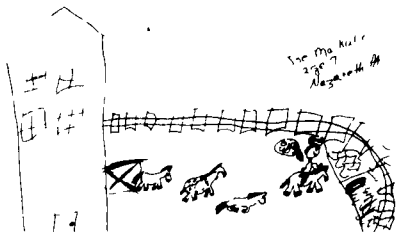
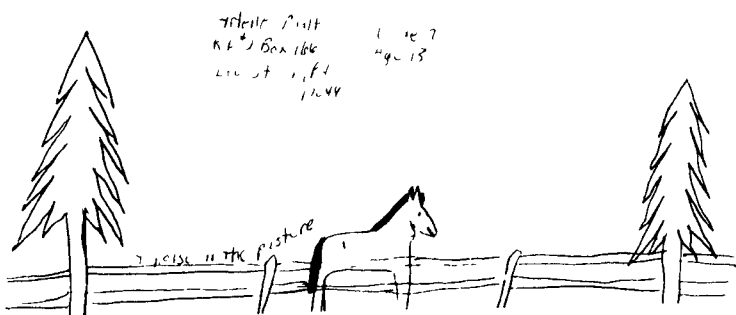
So, now, we have Thanksgiving Day announced each year by proclamation.

To celebrate with thanks this way.

For all God's blessings on our nation!

The corn and fodder are all in, the squash and pumpkins- scattered lie,

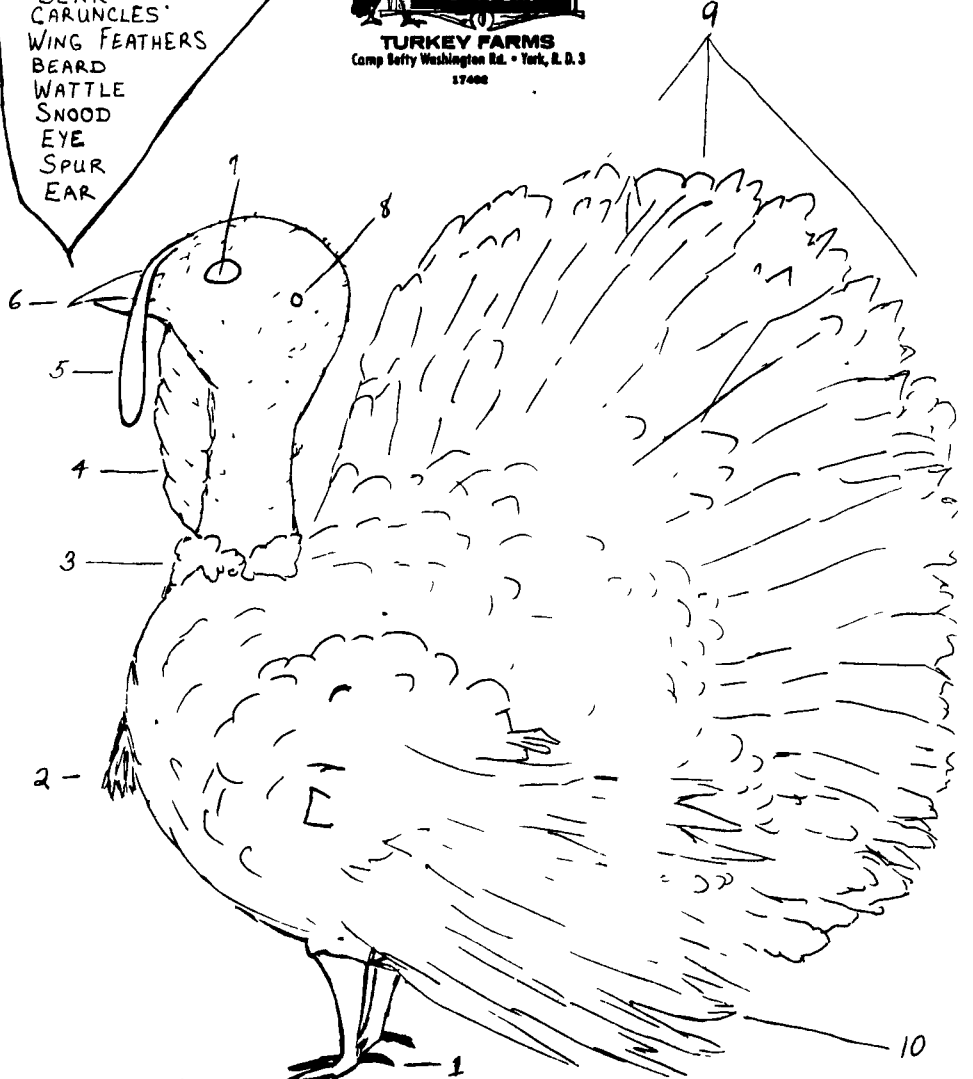
Potatoes, nuts fill every bin, and cider apples piled high.



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- WING FEATHERS
- BEARD
- WATTLE
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- SPUR
- EAR



Answers on Page B12

Linda K. Glick Grade: 7
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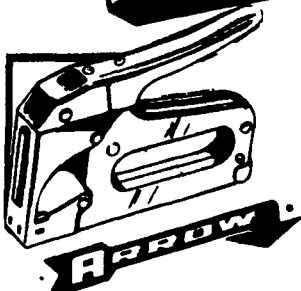
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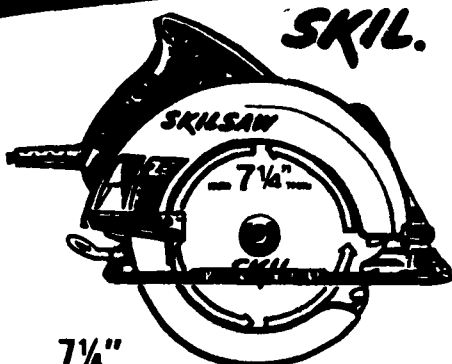
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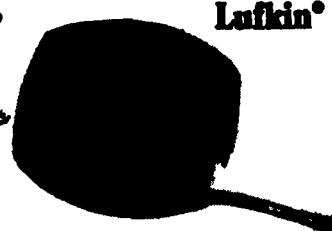
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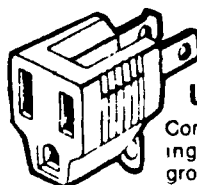
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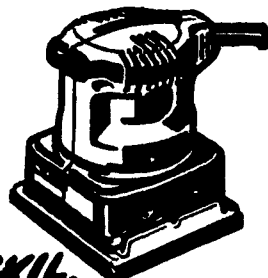
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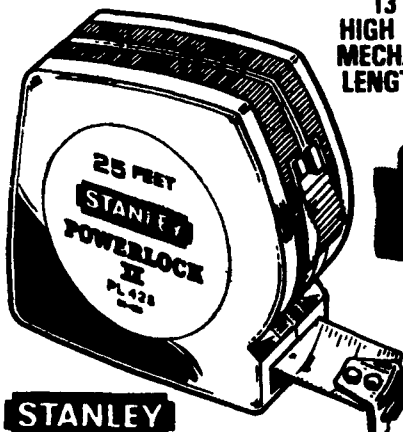
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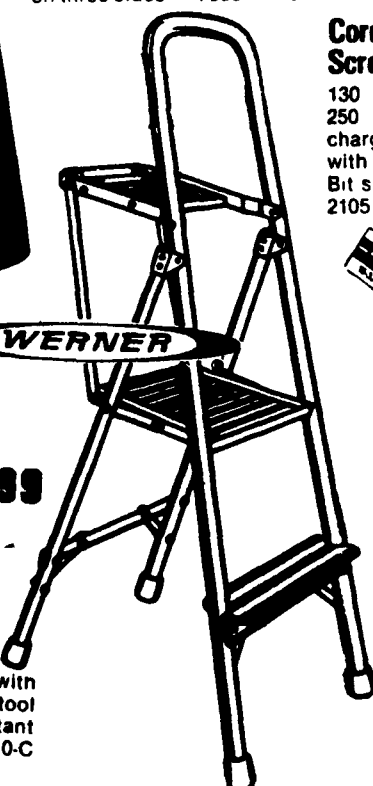
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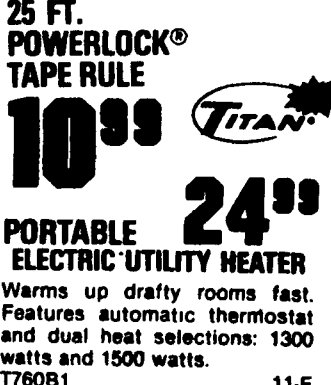
Embossed paint holder with rag rail and convenient tool holders. Large slip-resistant aluminum platform 264 10-C

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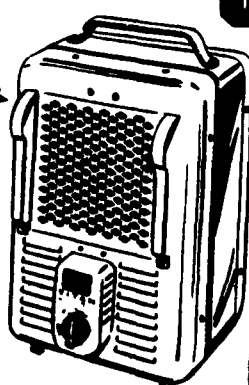
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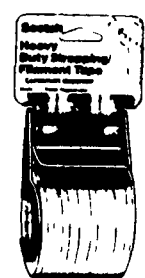
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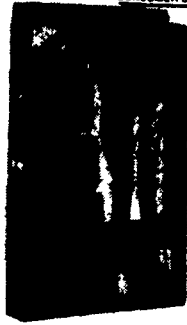
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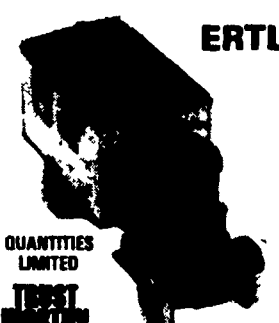
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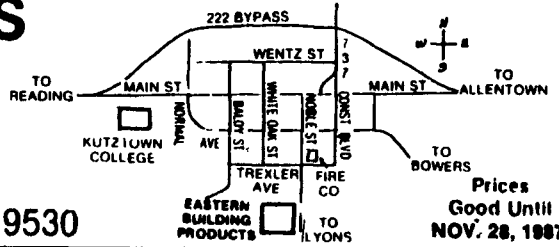
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Life With A Dairy Princess

BY MARJORIE KEEN
Chester Co. Correspondent
LANDENBERG (CHESTER)

— Following her fiftieth public appearance as Chester County's Dairy Princess, Elisa Wilkinson took time out to show a visitor her family's dairy farm in Landenberg. Wilkinson Farm milks 650 Holsteins around the clock on a computerized carousel that takes eight cows at a time. Each cow rides the merry-go-round eight or nine minutes while she's milked.

"I used to do a lot of milking last year and the year before," said the 18-year-old Goldey Beacom College Freshman. "I would say it takes about a month for them to get used to it the first time." A spray of water from a garden hose directed behind her legs persuades a cow to board the carousel.

"There's no water involved with the cow," Wilkinson explained. "The milker strips out a little bit. To open the holes we put iodine on the udder and let it soak. About a year ago we went to wash cloths

for drying off instead of paper towels. We use one wash cloth per cow and have a washer and dryer in the barn." The rate of mastitis is very low, according to the Dairy Princess.

The cows are grouped according to how much they are milking, Wilkinson said. There are three regular groups and a smaller group with fresh cows. The pickup from one milking may run 17,000 pounds.

Wilkinson has helped on the family's 4,800-acre farms since she was 5. She began by helping with calf records. At 10, she drove the tractor and scraped out the barns. When she was 14, the princess was full-time calf manager. During the summer, the farm has as many as 120 calves in hutches up the hill from the milking parlor.

At the county pageant last May, the judges described the Dairy Princess as "self-assured and knowledgeable of the dairy industry." Wilkinson's presentation incorporates a purple cow, played

by her mother, Betsy, or 16-year-old sister, Chrissy.

The purple cow has traveled with the princess to promote dairy products at fairs and schools and at Independence Mall in Philadelphia, where the cow cavorted with the Phillie Phanatic to the delight of onlookers. Wilkinson has made a thick scrapbook and keeps a photo record of her promotional activities.

Her grandfather, Leon Wilkinson, serves as the farmer advocate on Pennsylvania's Milk Marketing Board, commuting to Harrisburg from his home on the Wilkinson Farm. He expressed pride in his granddaughter's reign. "I preached to many of the farmers to give their sons an opportunity and I have four sons," he said, explaining that he'd like to see the operation continued by his grandchildren.

Elisa Wilkinson is studying business administration, hoping someday to manage her own business. Perhaps it will be connected to the dairy industry. Meanwhile she works parttime as an insurance company secretary in Kennett Square.

In addition to farming, the princess' father, Charles, constructs luxury homes on a nearby wooded knoll. He also raises and boards investment bulls as tax shelters for show business personalities.

One of the blue-eyed Dairy Princess' special memories is the day President Reagan visited Wilkinson Farm in May, 1982. "We did a lot of preparation," she said. "We painted the barn and



Elisa Wilkinson has lots of experience in caring for calves.

trimmed everything... I couldn't believe the extent (of preparation)."

Security was very tight, Wilkinson explained. "None of our family got to talk to him except my grandfather. We sat in the first row (in the hay shed) about 15 feet

away from him... He was only here about an hour." She concluded the reminiscence about the presidential visit, "It was nice to see him."

ANSWERS

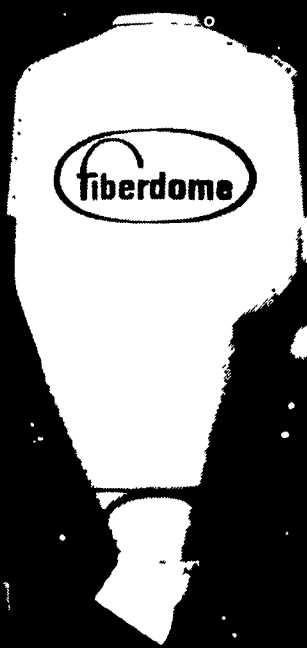
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2. beard
3. carundes
4. wattle
5. snood
6. beak
7. eye
8. ear
9. tail feathers
10. wing feathers



Chester County Dairy Princess Elisa Wilkinson with her mother dressed as the Purple Cow visit schools to promote dairy products.

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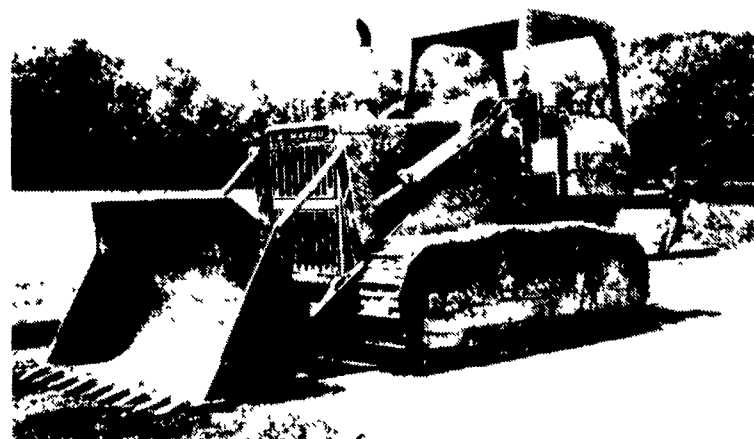
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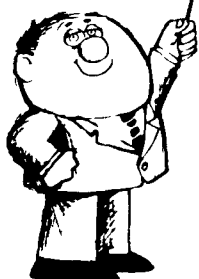
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Cumberland Farm Women Celebrate 48 Years

GINGER SECRIST MYERS,
Adams Co. Correspondent

CARLISLE — Over 220 members and guests of the Cumberland County Society of Farm Women congregated at the Best Western here Saturday, November 14, for their 48th Annual Convention. The audience included members from the 23 county groups and representatives from seven surrounding counties as well as several state officers.

Amid tables bedecked in a patriotic theme commemorating the 200th anniversary of the signing of the Constitution, the multi-county gathering enjoyed a day mixed with business and pleasure. The

day-long program included an annual business meeting, special music, a presentation by the county dairy princess, and an afternoon program featuring a presentation by Nancy Van Dolsen, Cumberland County Historical Society.

Van Dolsen showed a captivating slide set on the historic barns in Cumberland County. Van Dolsen is the Director of Architectural Surveying in the county and is engaged in a four-year program surveying and researching the county's old barns to determine which are eligible for designation in the National Historical Register. All the barns built before 1940 are being researched.

Her work is being financed by a

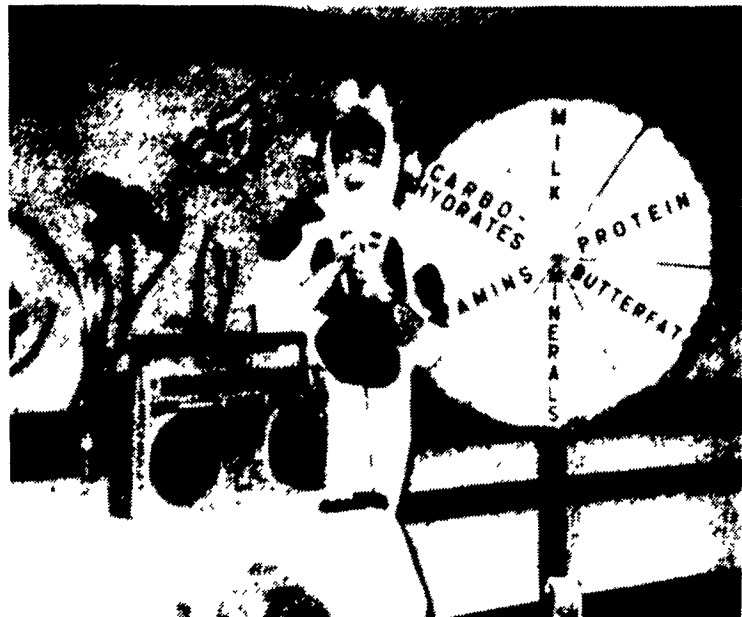
grant from the State and the Cumberland County Historical Society. Last year the Cumberland County Society of Farm Women donated a \$400 grant to the program to have a slide set of this project prepared for presentations such as this one.

Van Dolsen reported that with just the eastern half of the county completed, they have already surveyed over 3,000 barns. About ten percent of these warrant further research. Their research includes detailing the design, determining, when possible the craftsmen involved in their construction, following the ownership history of the barn, and most importantly dating the barn when no date stone is available.

The oldest barns surveyed are the log barns. Only 10 log barns have been found so far, the oldest one being in Frankfort Township. Other slides showed frame bank barns, limestone-end barns, and brick-end barns. Van Dolsen noted that the core counties of Cumberland, Franklin, and Adams, contain most of the brick-end barn to be found anywhere. Cumberland County has 62 such barns. Van Dolsen emphasized that while the slides showed how many barns have been maintained in mint condition, many have also fallen into deterioration. Another purpose of the survey is to help raise consciousness for preserving the county's agricultural history.

Van Dolsen noted that one of the most beautiful barns in the county was built by Fredrick Watts. Watts, one of the founders of the Farmers High School — now the Penn State University, built the barn on his model farm. The barn and house have been meticulously maintained. However, current plans for an 800 bay truck terminal by ABF Trucking calls for the demolition of this site.

Also making a special presentation was Patricia Dunkleberger, the Cumberland County Dairy Princess. She presented her skit "Milk Wheel of Fortune" posing as Vanna Black and White Holstein Cow. She showed the group how to turn the letters to good nutrition with milk and other dairy products.



Patricia Dunkleberger, Cumberland County Dairy Princess, poses as Vanna Black and White Holstein Cow, as she makes her presentation to the Cumberland County Society of Farm Women at their 48th Annual Meeting. Dunkleberger's skit was entitled the "Milk Wheel of Fortune" in which her character turned the letters for good nutrition with dairy products.

Several special presentations were made by County President Mary Weir. A special pin was presented to Mrs. Edgar (Dickie) Strohm, Group 1, as an eighty-year-old member. Ruth Myers and Orpha Jones, both from Group 3, received special necklaces as ninety-year-old members. Weir presented a special ceramic bell to State President Naomi Bupp, for

her years of service, on behalf of the county group.

The following were elected to county offices for the upcoming year: Margaret Smith, president; Linda Brandt, vice-president; Fran Westbrook, second vice-president; Dottie Dunkleberger, recording secretary; Lois Weary, corresponding secretary; and Evelyn Ocker, treasurer.



Past President Mary Weir, left, passes the gavel to the newly elected president of the Cumberland County Society of Farm Women, Margaret Smith, right. Elections for a full slate of officers were held during the business meeting at the group's 48th Annual Convention.



Past Cumberland County Society of Farm Women President Mary Weir, left, passes the gavel to the newly elected president Margaret Smith. Also shown are back row (l-r) Fran Westbrook, 2nd vice-president, Evelyn Ocker, treasurer, and Lois Weary, corresponding secretary. In the front row next to Smith (l-r) Linda Brandt, 1st vice-president, and Dottie Dunkleberger, recording secretary. This new slate of officers was elected at the group's 48th Annual Convention.

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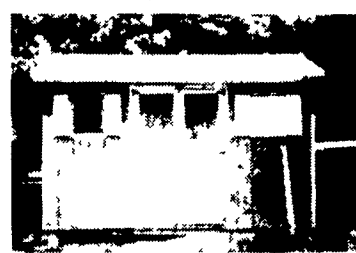
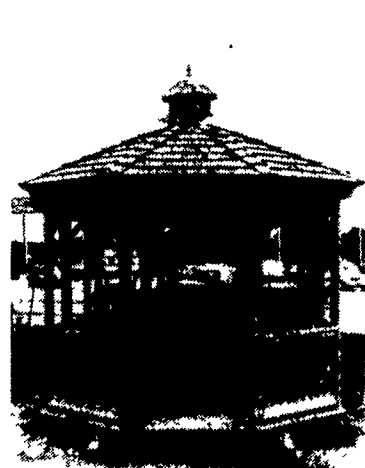
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Looking Back with Gratefulness

BY LOU ANN GOOD REINHOLDS — For Grace Zimmerman and her children, this Thanksgiving season will be a much happier time than many of the past ones. Just like the early settlers who experienced tragedy, Grace, too, has endured some rough times. As Grace reflects on the past, she is grateful. "I made it," she says, "I'm a stronger person because of it."

Her story begins during the Thanksgiving season in 1978. Then, Grace's husband, Eugene, was overseeing cleaning out his two chicken houses. His oldest son Robert recalls, "Dad and I were standing there talking together and he just dropped over."

Grace said, "It was his third heart attack. Even though I knew it could happen again, I was shocked." The two earlier heart attacks had happened over an eleven-year span and her husband who worked as a broiler supervisor for Victor Weaver, built two 72,000 bird capacity chicken houses, hoping to have a less strenuous job if his heart problems returned.

But the third heart attack did not restrict his work, it killed him.

Mostly, Grace felt overwhelmed. She said, "I couldn't see how I could survive and raise the children." She had seven, the two youngest were 3 and 4-year-olds.

The Thanksgiving and Christmas holidays seasons were the roughest. "People didn't know what to say to me. I didn't know how to handle it."

She could not draw Social Security benefits for several months, her husband's profit sharing and insurance benefits were not processed. "We would not have made it if some people had not mailed us money and some families bought gifts for the children."

Grace tried to carry on like before, to keep things as normal as possible, but she said, "A part of me was missing. I kept waiting it out, but I was overwhelmed by everything. I kept thinking it was more responsibility than I could handle."

Never before had Grace experienced losing a close relative or friend through death. "For a long time I felt depressed and suffered from low self-esteem. Some of our closest friends ignored me. I felt fearful of going away alone. I felt like an oddball, a loner. It seemed easier just to stay at home."

Slowly, things began to change. "But, it took years for me to get over it," Grace said.

"Eugene had a will that made everything easier. The chicken houses offer me an income. It is something I can do," Grace said of the broiler operation which allows Robert and her to raise 432,000

birds yearly.

The operation is automated and doesn't require strenuous labor. While her children were preschoolers, she tended it during their naptime. "Sometimes, I thought, 'It's too much work,'" Grace smiles, "but doesn't everybody think that sometimes?"

The loneliness and the work were only part of the problem. It was harder for Grace to explain to her younger children why they no longer had a daddy. "They thought I could just go to the store and buy one for them," Grace said.

"Because my loneliness drew me closer to the Lord. I explained that God is their daddy, but that was difficult for them to comprehend." Then one cold February day, the girls were playing outside in the snow. "Suddenly, they returned to the house and demanded that I go outside with them to see a rainbow."

Grace recalls, "I went outside, but I could not see a rainbow. Who ever heard of a rainbow in February?" The girls excitedly described the rainbows that both insisted were like halos around their heads. "All I could think to tell them," Grace said, "was that God sent the rainbows as a sign to show them that He will always care for them."

After that, her daughters were satisfied. "It had a major influence on them," Grace said. "They knew they were protected even if they had no earthly father."

Later, Grace attended a seminar on loss and discovered that her feelings were normal stages of grieving. She found out that friends who ignored her had not rejected her but stayed away because they did not know what to say.

As the girls grew older, Grace got more involved with outside activities like a Christian single's group and teaching Sunday School. She coordinates activities between a retirement home and a women's group. For five years, she spearheaded a cancer drive in her area. She works parttime for a poultry stand at a weekly farmer's market. "I enjoy meeting people and getting away. At first, I minded doing things alone, but



Since most of her children are now grown and have families of their own, Grace entertains international students. Fifteen-year-old Lilly from Somalia lives with the family. From front, Lois, 13; Sharon, 14; Lilly, 15; Grace and Robert, 35.

now I enjoy planning and doing things."

Most of all, Grace enjoys entertaining others. She said, "I take in guests from the Youth Hostel in Bowmansville who want to visit and eat with a local family. During the holidays, we host international students. We have had guests from Hong Kong, Indonesia, Lebanon and many other places. The children predict, "When we leave home, Mom's going to travel around the world to visit her friends." Grace admits, "I'd like that."

Because Grace's husband died during Thanksgiving week, each

year she reflects on the past. "Each year it gets easier," Grace said. "I can look back and see how God worked things out that I did not notice at the time."

This Thanksgiving, Grace will be cooking dinner for her married daughter's family. "She just had a baby, my ninth grandchild," Grace beamed with pride. "It's been a good year."

Her children include: Robert, 35; Linda, 33; Glenn, 25; Brenda, 23; Julia, 17; Sharon, 14; Lois, 13 and 15-year-old Lilly from Ethiopia who lives with them.



Grace stands outside the chicken operation that she operates as a partnership with her oldest son Robert who lives with his wife in the property next door to Grace's home.



Robert and Grace share responsibilities in overlooking the 432,000 broilers they raise each year.

Don't Let Food Poisoning Ruin Your Holidays

NEWARK, DE — Large amounts of food left out for leisurely buffet meals during the holidays could lead to upset stomachs from food poisoning unless special care is taken.

"Don't let any food containing meat, poultry, or eggs sit on the buffet table for hours on end," says Dr. Sue Snider, University of Delaware Extension food and nutrition specialist. "Put out only what you think will be eaten in an hour or so, leaving the rest refrigerated. And never let any of these foods stand at room temperature for more than two hours."

Snider says that homemade eggnog needs special care because it uses uncooked eggs. "Either keep it on ice or only put out small amounts that will be drunk within two hours," she urges. Commercial eggnog is pasteurized and only needs to be kept cool.

Snider says that raw eggs were implicated in an outbreak of salmonella traced to a restaurant in New Castle County last May. Eggs to be used in a Hollandaise sauce were cracked and pooled in a mixing bowl the day before a brunch. Seventeen people who ate brunch

at the restaurant became ill.

"No egg products were available for testing, but it is believed the pooling of cracked eggs allowed contamination," Snider says. "Although the eggs were refrigerated, there was sufficient time for the salmonella to multiply. Also, in the preparation of Hollandaise sauce, eggs are heated at a low temperature for only a short time period."

Raw eggs used in Caesar salad dressing, homemade eggnog and Monte Cristo sandwiches have also been the source for 14 other cases of salmonella in the Northeast this past year.

Germs that cause food poisoning seldom change the appearance, odor or taste of food, Snider says. "A good rule to remember is: When in doubt, throw it out."

Special attention should also be given to food preparation to assure food safety during the holidays. If family members are partial to rare roast beef, for example, Snider suggests cooking the meat to an internal temperature of at least 145 degrees F. "Before serving the pan drippings, heat them to boiling," she says. "And if gravy or drip-

pings are kept for a second meal, boil them for a few minutes before serving."

Countertops and utensils should be washed between uses, especially if raw meat or poultry has been prepared on them.

Holiday meat should be thawed in the refrigerator or the microwave, not at room temperature. Poultry can also be thawed by placing in cold water.

Holiday turkey should be stuffed just prior to roasting, but "for the ultimate in safety," Snider suggests baking stuffing separately from the bird. When refrigerating these leftovers, separate the stuffing and the bird, she adds.

"Remember to keep hot foods hot — above 140 degrees F — and cold foods cold — below 40 degrees F — until serving. Most bacteria die at 160 degrees F or above," the specialist says.

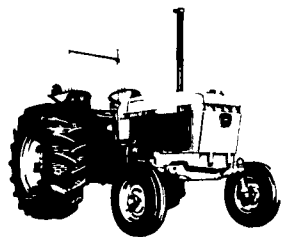
A question and answer pamphlet on food safety titled "Does Party-Giving Make You Phobic?" is available from Cooperative Extension offices in Wilmington (571-2498), Newark (451-1239), Dover (697-4000) or Georgetown (856-7303).

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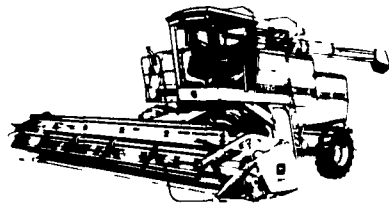
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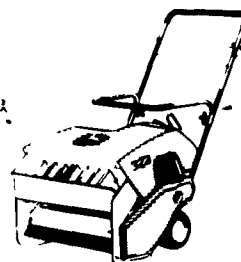
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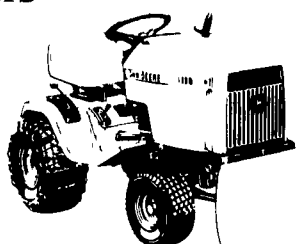
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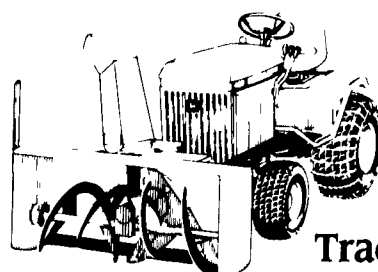
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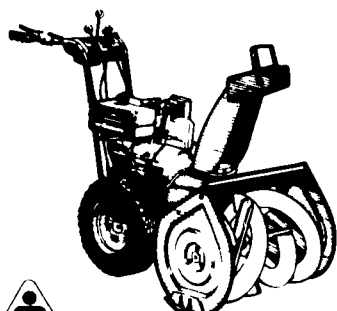
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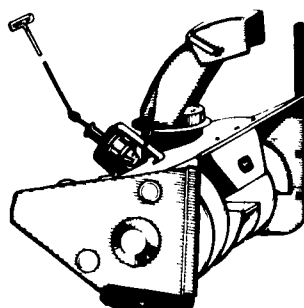
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Lancaster Society 10

Members of Farm Women Society 10 met at Luther Acres for lunch on November 14. For devotions, members recited scripture.

On December 5, members will be going for a Christmas dinner at

Joe Myers Restaurant. A speaker will be secured and members will attend a show at Sight and Sound.

President Starr presided and reminded everyone of the Spring Rally on May 19 at Altoona.

Lancaster Society 25

Thirteen members of Society 25 met at the home of Regina Scheid, Lancaster, on November 14.

Robert Crosby from the Lancaster General Hospital presented a most interesting and informative speech about the hospital.

Edna Gerlach used the praise and thanksgiving theme in her devotions. She read both Psalm 103 and a poem.

The group plans a Bake Cake sale in January.

Bea Newswanger reported 137 hours of service for the American Heart Association. Anna Bouse received the surprise gift that was a ruby glass basket filled with homemade peanut brittle.

The December 12 meeting will be a Family Christmas Party at Wengers Chiropractic Clinic, Lititz Pike. It will include a covered dish dinner and Carrie Abel will show pictures of China.

Berks Society 1

Members of Farm Women Society 1 met at the home of Ruth Walters, Douglasville, on November 12.

Fifteen members answered roll call by telling what they planned to do on Thanksgiving day.

Agnes Noll conducted the busi-

ness meeting and it was decided to distribute pointsettias and fruit baskets to shut-ins.

The annual Christmas party will be held December 9 at the Exeter Restaurant at 7 p.m. Husbands are invited and secret pals will be revealed through a gift exchange.

Berks Society 4

Members of Farm Women Society 4 of Berks met at the home of Marguerite Rush, Boyertown, on Tuesday, November 3.

President Ferne Kulp chaired the meeting. Eleven members answered the roll call by telling for what they were most thankful. Each member brought canned and packaged goods to donate to a local family to help brighten their holidays.

Money gifts will be given to Pottstown Training Center for the clients Christmas party and to P.M.M.C. for their "Lights of

Love" program. A light will be lighted in memory of Edna Angstadt.

Thursday evening, November 12, members will help with a game party at Berks Heim.

Following the business meeting, Virginia Taylor taught members how to make cinnamon stick trivets to grace holiday tables.

The next meeting will be a Christmas party on December 1 at Verna Taylor's home. Secret pals will be revealed and new ones will be drawn.

Berks Society 9

Members of Farm Women Society 9 of Berks County met at the home of Karen Schreier of Douglassville. Nine members attended a business meeting and made Christmas napkin rings and tree ornaments from felt.



Saturday, November 21
Lancaster Society 3 meets at 2:15 p.m. for a program by Landis Valley.

Lancaster Society 4 meets at Central Manor Church of God for a candy making program.

Lancaster Society 18 meets at 1:30 p.m. for a program by Mrs. Quentin Eisman.

Lancaster Society 12 meets at 1 p.m. for a silent auction and a legislative program.

Tuesday, November 24
York Extension Workshop "Meal Planning for the Microwave," 10 a.m. - 12 noon and 7-9 p.m.

A Christmas party at the Windows on the Square Restaurant, Reading, will be held in December for members and their husbands.

York Society 26

Members of Farm Women Society 26 of York met at the Bonanza Restaurant at Valley Green Mall in November. Eighteen members attended.

The Christmas banquet will be held on December 5 at Strinestown Fire Company.

President Luna Kohler read the state and local by laws.

The December meeting will be held at the home of Shirley Miller, York Haven.

Romano cheese is cured for at least a year; Parmesan for two years. The long curing time hardens the cheeses and sharpens the flavor, making them perfect shaker seasonings.

Better Parent-Teacher Conference

NEWARK, DE— While teachers are busily collecting examples of classwork and grades for the parent-teacher conferences, parents should also be making preparations for a successful meeting.

According to a Cooperative Extension pamphlet on parent-teacher conferences prepared by Dr. Dene K. King of the University of Delaware College of Human Resources, parents should plan to share their own special knowledge about their child with the teacher. For example, it might be helpful for a teacher to know the child's favorite activities, interests and the school activities they have enjoyed or disliked in the past.

Other suggested parental preparations include looking over some of the child's classwork and making a list of questions to ask the teacher. Parents can legitimately ask for an assessment of their child's adjustment to school and of the child's interests and ability to work well with others. Parents may also want to ask what the child is studying, how the material is being taught and how well the child is doing.

Associate Professor Klinzing suggests in the pamphlet that parents try to arrange a conference date when both mother and father can attend. Because the teacher, mother and father have a special relationship with the child, each of the three can provide different insights for understanding the student.

Parents may also want to ask the teacher for suggestions on how to help the child at home.

To obtain a copy of the pamphlet titled "Better Parent-Teacher Conferences: A Guide for Parents," call county Extension offices in Newark (451-2506), Dover (697-4000) or Georgetown (856-7303).

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Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

Defrost Turkey In Your Microwave

For many of you, thawing your Thanksgiving turkey is more trouble than roasting it. If you have a microwave oven, take advantage of its speedy defrosting capability and save yourself a lot of time and effort.

The whole turkey can be left in its original wrappings for the first half of defrosting, but it is easier to spot areas that are defrosting too quickly if the bird is unwrapped from the start.

Here are a few tips to take the guesswork out of microwave oven defrosting of your holiday turkey:

Set the microwave for 50 per-

cent of full power. This will be the "medium" setting on some ovens; "simmer" or "defrost" on others. At that power level, estimate defrosting time at about four to six minutes per pound. Check your oven's care and use manual for specific instructions.

Place the unwrapped turkey in a baking dish, breast side down. Defrost for one-fourth of the total time.

Shield any warm spots with aluminum foil (it will not hurt your microwave). Turn the turkey breast side up and defrost for one-fourth of the time.

Reverse the baking dish so that the turkey legs point to opposite

end of your oven. Defrost for one-fourth of the time.

Turn the turkey breast side up again. Defrost the remaining one-fourth time. Spread wings and legs from the body of the bird and loosen giblets.

Let the turkey stand in cool water for about one-half hour or until neck and giblets can be removed and the interior is cool but no longer icy.

Cook the defrosted turkey according to your favorite recipe.

Microwave Your Turkey

Cooking your Thanksgiving turkey in a microwave oven can reduce cooking time but it requires some extra effort on your part.

Your turkey will be very juicy and tender. It will brown naturally because of the long cooking time, but will not have the crisp skin that many people associate with turkey.

On the other hand, for successful results you have to give the bird a fair amount of attention and handling and you may find conventional oven roasting more suited to your needs.

The largest turkey you should cook in the microwave is 12 to 14

pounds. To be sure your turkey is not too large for your oven, place your turkey in the oven cavity and turn it on all sides. You need three inches of space between the turkey and all walls, and should have a minimum of two inches of space between the top of the turkey and the ceiling of the oven.

Estimate the cooking time at about 12 to 15 minutes per pound at 50 percent of full power. Divide the cooking time by four.

Place the turkey breast-side down in a shallow glass or other microwave oven-safe baking dish.

Tie the legs and wings to the body with string. Shield protruding parts with foil.

Cook for one-fourth of estimated time, then turn turkey on its side and microwave another one-fourth of the time. Turn on other side and cook one-fourth of the time. Baste as needed. If the turkey is browning too quickly in parts, shield these parts with foil. Leave foil in place when you turn the turkey.

For the last one-fourth of cooking time turn the turkey breast side up. Using a microwave oven ther-

mometer, check internal temperature. It should read 185 degrees F. after one minute. Other tests for doneness: the leg moves freely at the joint or juices run clear yellow when the breast meat under the wing is pierced with a fork or skewer.

Let turkey stand about 20 minutes under a foil tent before carving. Remove pan drippings as they accumulate. The drippings absorb microwave energy and can increase cooking time. This is most easily done with a bulb tester.

Never use a temperature probe when roasting a turkey. Juices can run down the probe and cause the oven to turn off.

The biggest problem with microwaving a turkey is turning the hot bird several times during the cooking process. This is probably best done with several layers of good paper toweling rather than pot holders to protect your hands.

Clearing Out Grandma's Attic

Sooner or later the urge or need comes to clean out the attic.

We must make decisions about the stacks of books, the wedding dress, framed pictures, odd pieces of furniture, trunks, National Geographic, school pictures and all the rest. Surely some of the family would like to have some of these treasures, but how could this be organized so the attic is relieved of its contents and the contents reach enthusiastic owners? Here are a few suggestions:

1. Face facts. Your children and grandchildren will probably have selective interests and may have limited storage space.

2. Take the attic contents downstairs. When your children come to visit, tell them to take all that they want and make it known that you will get rid of all that they don't take.

3. If nobody wants your wedding dress, send it to a college or library that is collecting period costumes and dresses. This can be a loan, so family members can speak for it later. You may also feel better about it.

4. Keep and file information related to your family tree... for genealogy buffs. File important letters, pictures marked with names and dates, and selected clippings from newspapers.

5. Divide up the beautiful tablecloths, embroidered doilies and linen towels and give them to children and grandchildren. Tell them they must take them and can do as they like with them. Some may keep them and appreciate them more as time goes on.

6. Divide up silver pieces you want to keep in the family. There should be no argument about these items.

7. Put the books out for first selection by family members. Then look for other places where they would be appreciated: an underprivileged school or college, the local library, or a book sale that benefits a local organization.

8. Decide which pieces of furniture you can use and which ones you are ready to part with. If there is someone in particular who has eyed a certain piece, make it a gift. Then, let others make their selections. If two or more want the same desk or chair, you could have them draw lots.

9. Don't get too carried away with clearing out the attic. Keep enough things for your own use and enjoyment.

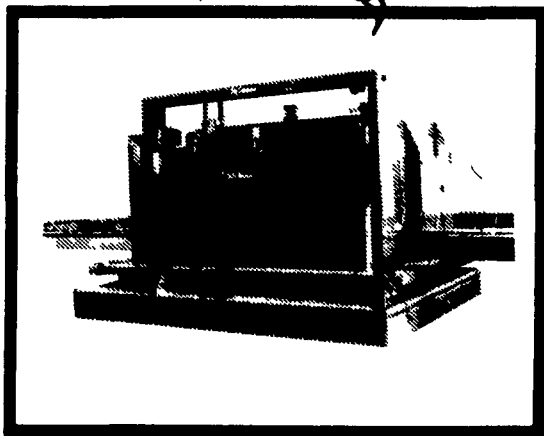
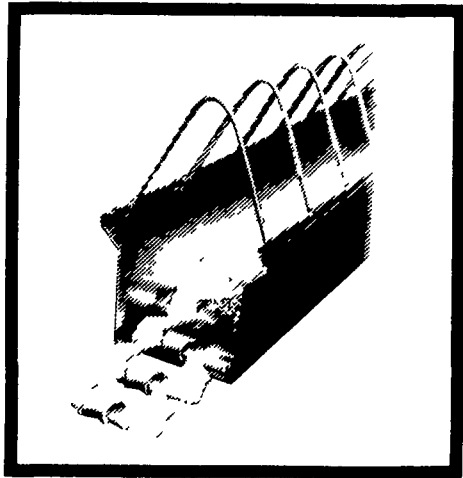
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Bollinger Vocal Promoter For Dairy Industry

BY LOU ANN GOOD

MANHEIM — Ruby Bollinger would like to cram a few things down people's throats. So far, she has not resorted to forceful tactics because she finds that by smiling and offering milk, cheese and ice cream, people gladly devour it.

This gutsy Manheim woman said, "I think farmers must push their products just like the soft drink industry forces their advertisements on consumers."

Ruby is not just sitting around waiting for the opportunity to tout the goodness of milk, she is doing a lot about it. For starters, she coordinates the annual farm show at Park City. "It's an entirely different crowd than the one that attends the county farm shows," she explained. "Many of them have never even visited a farm and when they see the animals, it makes them stop and ask questions."

Asking questions is exactly what Ruby wants the crowd to do. "It gives the farmer an opportunity to explain his way of living," Ruby feels that this interaction builds a relationship with the consumer.

Then, of course, she sees that the farm show exhibits have plenty of recipe brochures for shoppers to pick up. "A lot of people make the recipes," she said, "and that helps the dairy industry." And according to Ruby, it's a great way to capture some of the consumer market that other industries spend mega bucks trying to build through advertising campaigns.

In pushing the dairy industry products at her local shopping mall, Ruby learned some psychology tactics. "If you put large hulks of cheese out, people grab a hand-full and continue walking. But if you limit the amount, shoppers will stop and talk about the product."

As a member of the county PA Farmer's Association, Ruby tries to find creative ways to involve farmers in communicating with consumers. "Farmers are often reluctant to spend their time at activities like farm shows," she said. They have cows to milk, fields to plow and hay to put away, but they need to realize that when they take time to communicate with consumers, every one benefits. It's indirectly putting more money on the farmer's table. You can't put a price tag to it."

Ruby is also Public Relations Director for the PA Young Farmers. She explained that the PFA is involved more in the legislature end of agriculture while the Young Farmers is more of an educational organization. Ruby is the first female officer to be elected to the organization. "It's an organization with a lot of potential," she said.

Being a female officer for Young Farmer's is not the only thing Ruby has been a first in. She recalls that during her high school years, she was the first or at least one of the first girls in Lancaster County to enroll as a fulltime Vocational Agricultural student. Her efforts in the program lauded awards, honors and a state FFA officer position.

Raised on a farm, Ruby chose a farmer for her husband. Darryl and she are now living on his parent's farm. They supplement their 80-acres by renting another 250 acres where they raise corn, soy-

beans, alfalfa and hay. Ruby usually helps milk their 40 cows and feed the calves.

In between the farming chores, Ruby has established her own sewing business. Her business evolved mostly by chance. Ruby recalls that during high school she sewed her own clothing and later her own

bridal gown.

After her marriage, she worked as a seamstress at a bridal shop. "I liked it," Ruby admitted, "but I couldn't stand being cooped up all day long." So Ruby quit and began helping her husband on the farm.

Then, they had children. Today

(Turn to Page B20)



"I sew anything," Ruby said. She especially enjoys sewing puppets, bears and dolls when she needs a break from larger projects.



When Ruby coordinates the Park City Farm Show, she fills the floor with stacks of papers that contain telephone listings of potential volunteers.



Ruby Bollinger puts the finishing touches on the wedding gown and flower girl dress that she is making for a client.

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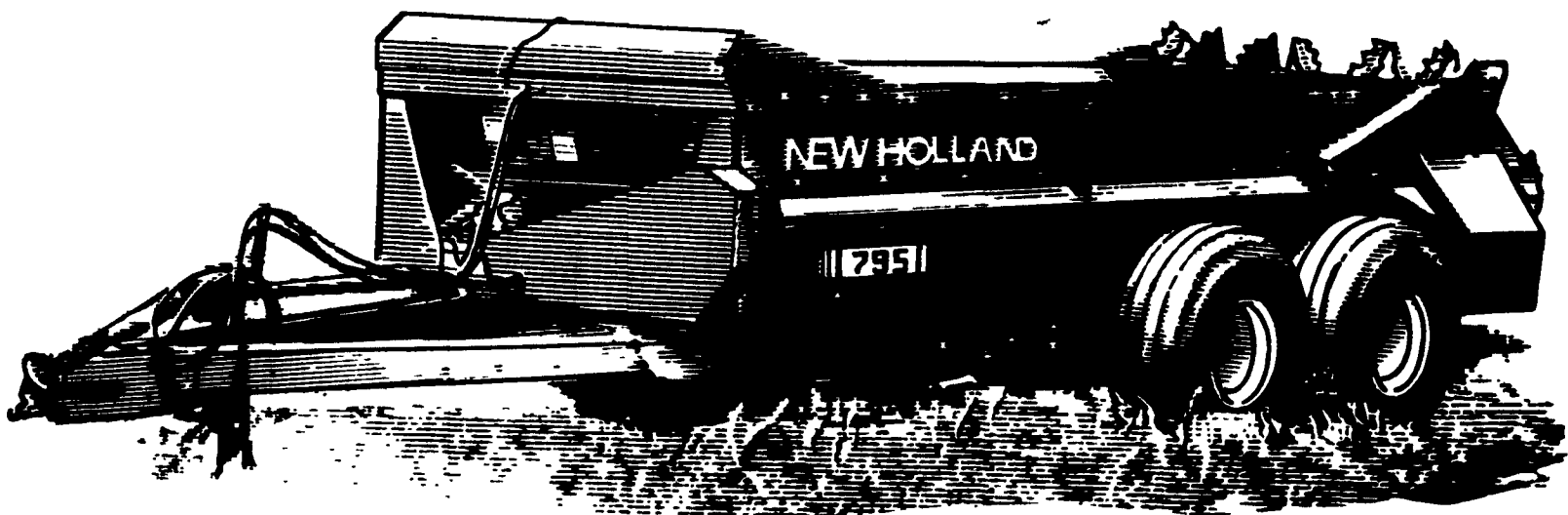
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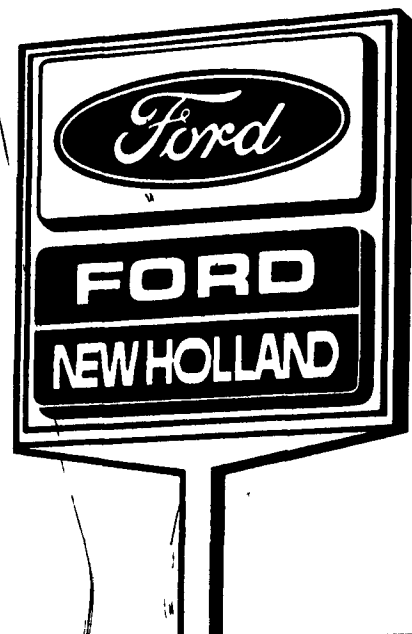
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Expecting Too Much Or Too Little From Your Child

Dear Parent,

Sometimes we parents expect too much from our younger children and not enough from the older children--do you agree? We tend to push or expect younger children to do particular tasks or believe in certain ways that they are not yet capable of.

But when talking about older children 11 or 12 and up, we find that we often don't expect enough of them. Isn't this particularly true when it comes to helping out around the home? We are led to believe that the children are so busy that they don't have time to assist with the hundred-and-one jobs that must be done. We sometimes are hesitant to ask for their help because in the past when the request has been made, we got all kinds of flak--it's one big hassle. A parent thinks, "What's the use, I'll do it myself."

The parent who does not expect the child to help out, for whatever reason, may be doing a great disservice to the child. Many basics of life are learned in the home. Nowhere in school will the child

ever learn the lessons that are learned by working alongside the parent doing those ordinary day-in and day-out jobs. At times I encounter a college-age student who really feels ill-prepared to live on his/her own and who lacks those life skills that enable him to function. These skills might include everything from knowing how to run a household to being able to prepare some basic nutritional meals. In another, but by no means less important area, the young person learns at home many of the vital lessons in getting along with people. A child working alongside the parent has countless opportunities to practice what can be called interpersonal relationships in a safe environment.

Raising our expectations for older children revolves around our willingness to view the child as a responsible person. Our expectations may be quite low when it comes to how we believe our child will behave in different situations. When our expectation is low, then the young person will sense this and react accordingly. In other words, if I do not expect my son to

keep the rule of being home at 9, he will probably not be home at 9. If, on the other hand, I sincerely expect, he will, chances are much better he'll be in on time.

When we have a high expectation of young persons, we are basi-

cally saying, "I trust you, I think you are a responsible person, I can count on you! I think you're OK!" When a young person gets that message over and over again, chances are great that he/she will live up to our expectations.

Bollinger

(Continued from Page B18)

their three children: David, 10; Denise, 6 and Danny, 4; help with her sewing and farming chores.

During the cabbage patch doll and care bear craze, Ruby sewed doll clothing and Care Bears. Ruby recalls, "My husband figured out ways to lay out the pattern pieces and the kids stuffed the care bears."

Later, Ruby sewed her sister's wedding gown, and the bridal party's and her family's outfits. People told her, "You ought to go in business." So Ruby did.

Advertisement was mainly word of mouth. Ruby admits, "I'm gullible for anything." Under her

business name "Ruby's Sewing Etc" she sews draperies, puppets, bridal gowns and everything in between.

"I like the variety," Ruby explained. The combination of sewing and farming seems to work out well for them. "When I get frustrated with one, I lay it aside and do the other," she said.

Through all her activity, her husband supports her. "We do most of the activities together, but I do the running and he keeps the kids," Ruby said.

Twice a month Ruby attends meetings for the State Board of Nursing where she is one of three consumer members. The board licenses and approves nursing

homes, teaching programs and handles controversial nursing issues. Although other board members are professionals, Ruby was chosen to represent the consumer and offer a nonprofessional viewpoint.

Ruby said, "Farmers think they are the only people with problems, but after listening to the problems of nursing, it's refreshing to come home and milk cows. It's mind boggling to see the stress nurses face in life and death matters."

Ruby's respect for the nursing profession and the government protocol has grown since she has served on the board. She has met with state senators who encouraged her, "Don't let professionals on the board intimidate you." They haven't. According to Ruby, she was chosen for her reputation of being vocal and outspoken on controversial issues. She does not intend to change her reputation.

Sometimes Ruby admits that she questions, "Why am I doing this?" But after she has completed a project she said, "I always think it has made the consumer think and that convinces me that it's a worthwhile cause."

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I am 91 years old. Up until a year ago I had been a semi-invalid for years due to severe angina after suffering 2 massive heart attacks. I had as bad chest pain as anyone could have and still live. Even the slightest exertion, such as getting in our out of the bath, resulted in severe, incapacitating pain requiring several nitroglycerine tablets. I had to wear nitro-patches all the time plus I was on medicine for an extremely high cholesterol level.

A year ago I started on Formula #1 and today I am totally free from any pain and can do whatever I want to do, including being one of your Golden Pride distributors. As soon as I experienced results myself on Formula #1, I started talking to everyone I could think of that needed Formula #1. I now have many customers and they have experienced good results, too.

My two internists are so amazed at my improvement and what Formula #1 has done for me that one of the internists referred one of his patients to me for Formula #1 (This gentleman suffered from the same problem as I had and the doctor had done all he could do. This gentleman has had good results, too!) My other internist is purchasing Formula #1 from me for his mother to help improve her heart problems.

By the way, my cholesterol level is down and my doctor discontinued my medication. I feel great thanks to you, Formula #1 and God's blessing

Rev. S.F. McAuley

Dear Golden Pride:

For many years I suffered from arthritis, borderline high blood pressure, and leg pain due to poor circulation. After being introduced to Formula #1 by a friend and then attending your meeting in Raleigh, I began on 4 teaspoons/day reducing to 1 teaspoon after that.

After just one week on Formula #1, I no longer had any problems with arthritis. After just 2 weeks, my blood pressure dropped 10 points, both top and bottom readings. My legs don't hurt anymore either. I'M SOLD!

James Ives

Dear Golden Pride:

I am a nurse and when I heard about Golden Pride I was skeptical. My problems included very high blood pressure along with high triglycerides and cholesterol. What sold me on Golden Pride was my blood test results and my doctor's wholehearted approval. He was very impressed with how well I was doing since I previously had surgery for blocked carotid arteries. My doctor encouraged me to keep up the Formula #1 from Golden Pride. My blood pressure came down within one week after starting Golden Pride products. I am convinced!

B.H.

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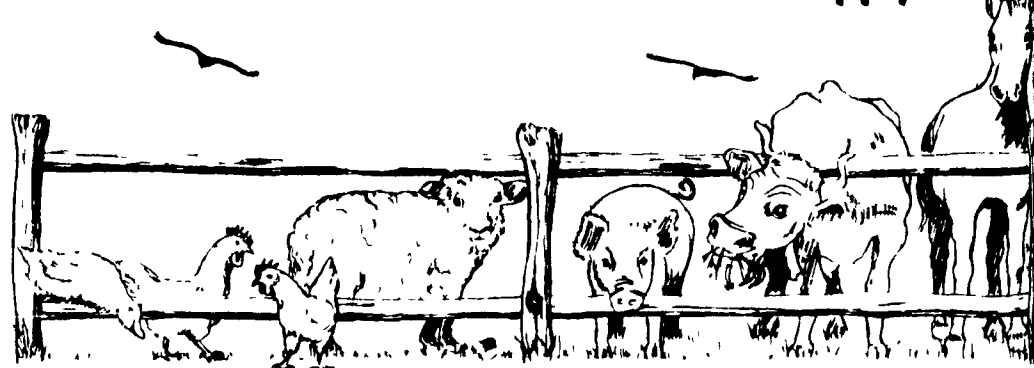
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Huntingdon Celebrates Farm City Week

BETSY YODER

Huntingdon Co. Correspondent
HUNTINGDON — Rural and urban dwellers were brought together Thursday, November 12 in Huntingdon County for their annual Farm City banquet. The event is co-sponsored by the Kiwanis Club and the Dairy Promotion Committee.

The highlight of the evening was the honoring of two farm couples for their outstanding contributions to their communities.

Recipients of the Grange Family Award presented by John Keith, State Deputy Grange Master, were Ruth and Eugene Garner of Marklesburg. The Garners are active in

the Lincoln Grange where he currently serves as treasurer and she as chaplain. Eugene is master of Pomona Grange, the group which includes members of all subordinate granges in Huntingdon County. Ruth holds the office of Pomona.

The Garners are also active members of the Zion United Church of Christ and their communities. Eugene serves as president of the Marklesburg Borough Council.

The Farm-City Distinguished Service Award was presented to Max and Eleanor Isenberg of Alexandria where they are engaged in a dairy farming opera-

tion. The couple are active members and supporters of the Dairy Promotion Committee, spending many hours each year working in various aspects of promoting milk.

Each year the Kiwanis Club and the Dairy Promotion Committee see that each third grade student in Huntingdon County receives a tour of a local dairy farm and an informative talk from the dairy princess.

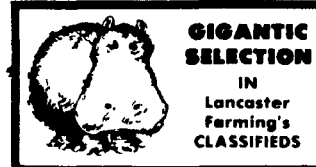
Mr. and Mrs. Ross Metz praised clubs' efforts and made and presented plaques to the following farmers who help to make it all possible: Max Weller Family, Richard Hess Family, Gibboney Farms, Max and Eleanor Isenberg,

Oliver Farms, Baney Brothers, LeCrone Farms, Tom and Gloria Coffman, Raymond Hall Family, Phillip Yohn Family, Willard Yoder Family, Ed and Sharon Parsons, Ron Baker Family, Fred Freece Family, John Lynn Family, Larry and Brucette Metz, Eberle Brothers, Jim and Barb McMath and John Kyper Family.

Lolly Long, a former Huntingdon countian, who currently serves as the state Dairy Promotion coor-

dinator reported on several state campaigns. The White Lite campaign has been a great success; causing milk consumption in Pittsburgh to increase by 10%. The next promotion is getting milkshakes machines into school cafeterias.

Harold Davis who took a trip to the Soviet Union with the People to People Program rounded out the evenings activities with a talk and slide show from his tour.



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23.1x28, 6 Ply	\$525.00
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12.4x38, 4 Ply	\$137.00
13.6x28, 4 Ply	\$150.00
13.6x28, 6 Ply	\$165.00
13.6x28, 8 Ply	\$195.00
14.9x28, 4 Ply	\$165.00
14.9x28, 6 Ply	\$185.00
16.9x28, 6 Ply	\$225.00
16.9x28, 8 Ply	\$245.00
16.9x30, 6 Ply	\$240.00
18.4x28, 6 Ply	\$300.00
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23.1x28, 10 Ply	\$600.00
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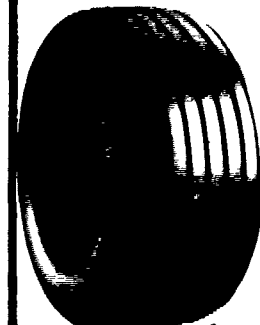
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Vo-Ag And FFA Are Shaping Tomorrow's Leaders

BY LISA RISSE
LITITZ — Learning to do, doing to learn, earning to live, living to serve.

These are fine words that most anyone would want to live by. But they're not just for anybody; these are the words that countless youths live by. These are the words to the Future Farmers of America motto.

"The motto sums up FFA and vocational agriculture best," said William Erickson, executive secretary of the Pennsylvania Association of Future Farmers of America and head of Elizabethtown High School's vo-ag department. "Vo-ag and FFA are hands-on but not brains-off, which is what many people think vocational education is."

Organized in 1928, FFA is an extension of vocational agriculture/agribusiness departments in public schools. Much of what is taught in class is reinforced through active participation in the school's FFA chapter. Students also learn things not taught in class such as leadership and communications skills.

The FFA manual describes the organization's aim as "the development of agricultural leadership,

cooperation, and citizenship." Specific goals include: create and nurture a love of agricultural life; strengthen the confidence of students in themselves and their work; develop character, train for useful citizenship, and foster patriotism; participate in cooperative effort; and encourage members in developing individual occupational experience programs in agriculture.

FFA is organized on national, state, county, and local levels. The national organization is headed by a board of directors and six national officers who set operational policy based on recommendations of the National Convention Delegates. The national officers include a president, secretary, and four regional vice presidents all of whom are elected at the FFA's annual national convention.

According to the FFA manual, each state association is charged with the development of the FFA leadership program within the state, operating contests and awards programs at the state level, and issuing chapter charters. The number of state officers varies from state to state.

Local chapters consist of a pres-



FFA helps youths develop leadership and problem identification and solution skills. These young men have achieved success through the program. Left to right: Dave Vish, Blue Mountain, state FFA sentinel; Doug Musser, Elizabethtown, first-place individual in livestock judging in Springfield, Mass.; Mark Anderson, Dover, state FFA vice president; and Russel Redding, vocational student organization coordinator for FFA.

ident, vice president, secretary, treasurer, sentinel, and reporter.

When FFA was first established 58 years ago, agriculture meant farming. Farming is only the beginning now as agriculture encompasses a huge complex industry that has careers in fields such as engineering, communications, marketing, research, and computer technology.

"Vo-ag and FFA are more than cows and plows," stated Erickson. "That's just a small part now. At Elizabethtown it also includes greenhouse management, landscape design, floral design, paraveterinary medicine, equine science, welding, small gas engines, structures, and more."

This kind of variety gives students many areas in which to suc-

ceed. "Schools traditionally offer two areas for success: academics and sports," Erickson commented. "If a student wasn't good in either of these areas, then what? And a large percent of kids fall into this third area. That's where FFA comes in."

"FFA has a unique way of offering programs where they can succeed. And kids can excel further than they could hope to achieve in sport or academics. FFA members can achieve on state and national levels with skills such as public speaking, analysis, problem solving, and identification. These are the very areas the school system is weak on."

Participation is the key for success, according to Erickson. In addition to helping students win

awards in competitions, active participation allows them to earn FFA degrees.

Greenhand and Chapter Farmer Degrees are awarded by local chapters, while the State Farmer Degree is conferred by the state, and the American Farmer Degree is given by the national organization.

Other awards include achievement awards, proficiency awards, scholarships, and achievement in volunteerism awards.

Vo-ag and FFA are helping to prepare students to be tomorrow's leaders. They're encouraging youths to learn to do, do to learn, earn to live, and live to serve.



William Erickson, executive secretary for the state FFA organization, and Kristy Settle, Elizabethtown, student secretary discuss their program's business.



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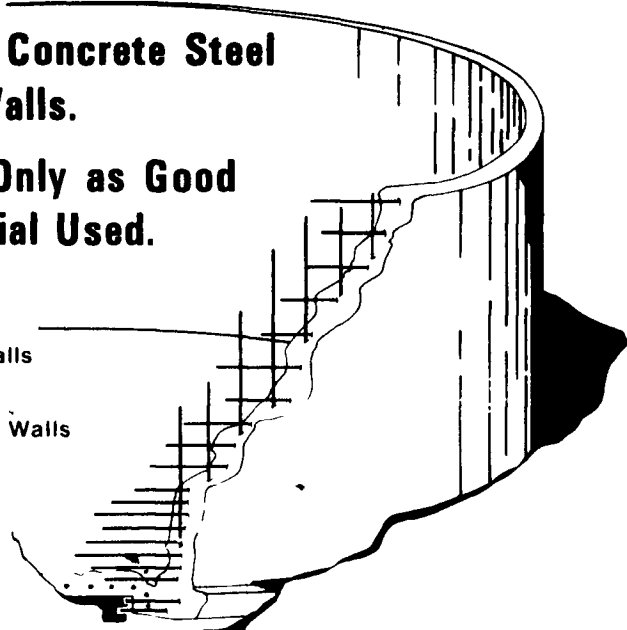


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Capon Brings Top Dollar

MANHEIM—Eleven-year-old Larry Kreider, Manheim, garnered \$191.26 for his pair of matching birds at the local Rotary Club Capon Auction on November 10. The grand champion capons were the first Kreider has grown and entered in competition.

Kreider, the son of Caleb and Connie Kreider, chose the winning pair from his flock of 127 birds. Each prize-winning bird, weighed 11½ pounds dressed and was sold to Harry Wiggins of Wiggins Asphalt and Paving Company in Manheim.

During the auction, eighteen birds, dressed and ready for holiday ovens, were sold for a total of \$800.78 which represents an average of \$44.49 per bird. Exhibitors were members of the Elm-Pennryn and the Lititz and Mastersonville 4-H clubs.

Jay Irwin, county extension agent, served as judge of the annual event which the Rotary Club sponsors to provide closer communication with business leaders and children and to develop a better community.

Auctioneers were J.M. Witman and Luke R. Witman of Manheim.

* Know Your Turkey's Name

Check the name when you choose your holiday turkey. It's your clue to tenderness because the name indicates the age of the bird. Young Tom, Young Turkey or Young Hen all refer to tendermeated birds. Broiler or Fryer are also names for tender birds. Tom Turkey or Hen Turkey on the package means an older, tougher bird is inside. Moist heat methods of cooking will make these turkeys more tender.

* Stuffing Safety

If your turkey stuffing recipe calls for raw egg, use caution. Don't stuff your bird until shortly before cooking. Best yet, cook the stuffing separately, basting occa-

Turkey Tips

sionally with the turkey juices.

* Doneness Test

There's no substitute for a meat thermometer, but many experienced cooks use an additional test--known as the "feel" test. Turkey is done when the thickest part of the drumstick feels soft when pressed between protected fingers, and the drumstick moves easily up and down.

* Fresh Turkey

You can hold chilled fresh turkey in the coldest part of your refrigerator for one or two days from time of purchase or up to a week after slaughter. Be sure any wrappings are loose enough to allow some air circulation. Remove giblets--heart, gizzard,

and liver. Wrap loosely and store separately. It's wise to cook these more perishable parts promptly.

* How Big Should A Turkey Be?

That depends on how many people you plan to serve, and how well your family likes turkey leftovers. If you allow at least one pound of turkey per person, you'll be assured moderate leftovers.

* Turkey Freezing Guidelines

If you plan to freeze turkey, use this freezing guide: one month for slices or pieces; six months for slices or pieces covered with broth or gravy; and six months for turkey casseroles.

* Turkey Safety Tips

Always refrigerate or completely cook your turkey immediately after thawing it. If you choose to stuff your thawed turkey, wait until just before roasting. Commercially stuffed frozen turkey should never be thawed before cooking. Remember that microorganisms--the kind that cause food poisoning--need only moisture, food, and warmth to multiply. Never let your turkey sit out at room temperature for more than a total of 2 to 3 hours. This includes thawing, preparation, standing, and serving time.

* Leftovers

Store leftover turkey, stuffing and gravy separately in the refrigerator. Use turkey in 3 to 4 days; stuffing and gravy in 1 to 2 days. Serve turkey hot or cold; heat stuffing thoroughly; bring gravy to a rolling boil.

* Thawing Your Turkey Safely

DO NOT thaw your turkey on the kitchen counter. You'll greatly increase your risk of food poisoning. The safest method for thawing your turkey is in the refrigerator. Thawing in cold water is okay if you follow the correct procedures.

Thawing Time in the Refrigerator

Whole Turkey	
8 to 12 pounds	1 to 2 days
12 to 16 pounds	2 to 3 days
16 to 20 pounds	3 to 4 days
20 to 24 pounds	4 to 5 days

Pieces of Large Turkey

half, quarter, half breast--1 to 2 days

Thawing Time in Cold Water (Whole Turkey)

Protect the turkey in its original wrapping or a plastic bag. Place in a large container or sink and cover with cold water. The water will need to be changed frequently to assure safe but effective thawing. Usually this means every 30 minutes.

8 to 12 pounds	4 to 6 hours
12 to 16 pounds	6 to 9 hours
16 to 20 pounds	9 to 11 hours
20 to 24 pounds	11 to 12 hours

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2 Yr. Averages



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105 Days CCB 2450GD

	Bu/Acre
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Pride 4474	134.2

1986

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Doebler 75X	165.2
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P 3192	165.0

1986

PENN STATE TRIALS

(10 Location Summary)

Eastland

TODD



Eastland

782

116 Days

	Bu/Acre
E782	152.4
Jacques 7820	148.5
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Secrets For Preparing Wild Game

During pioneer days hunting wild game, large and small, was a necessity. Today, however, it's more of a sporting adventure.

People eating game for the first time usually try to compare it with beef, pork, or other domestic meats. But game has a distinctive flavor that, for the most part, is not comparable with the meat of any other group of animals.

The "wild taste" many people find objectionable is not due to the flavor of the meat itself, but rather to one or more of the following:

1. Slight meat spoilage because meat is not kept cold.

2. Excessive and poor combination of spices and seasonings.

3. Strong flavor and taste in the animal fat.

It is very important that the game come to the kitchen in good condition. Dress your game quickly. Be sure to remove the internal organs immediately after the kill, making sure to keep the body cavity free of dirt, hair, and contents of the digestive tract. It is important too, to drain all excess blood from the body cavity.

Hang the carcass and cool as quickly as possible. The biggest reason for meat spoilage is that it is not kept cool. Meat can be hung to age if the temperature remains at 38-40°F. However, if meat is hung in a barn or garage where afternoon sun raises the temperature above 40°F, or the meat draws flies, the meat will spoil rapidly. If you have no way to keep meat below 40°F, it is safer and the meat will have a better flavor if you butcher and freeze game immediately.

Even if the meat comes to the kitchen in good condition, excessive seasonings can ruin the taste of game. Many people feel they need to mask the flavor, so they add lots of spices. Most of us are not used to eating highly seasoned food, so it tastes strange to us. Don't be afraid to taste the game. You may find you enjoy its distinctive flavor. Try adding small amounts of one or more of the following to enhance the flavor of wild game: salt, pepper, onion, vinegar, brown sugar, tomatoes, worcestershire sauce, or beef and pork fat.

Fat of some wildlife has a strong flavor many people do not like. Trim away the outer layer of fat from the meat. Beef or pork fat can be added to the meat to keep it from becoming too dry. Some cooks wrap strips of bacon around the meat to add flavor, as well as keeping the meat moist. If you want to keep cholesterol levels down and have moist flavorful meat, you might want to use moist

heat to cook your game. I have included a favorite family recipe for cooking venison. I think it would work equally well for other red meat game.

ROAST VENISON ("Pride of the Ozarks" Pot Roast...)

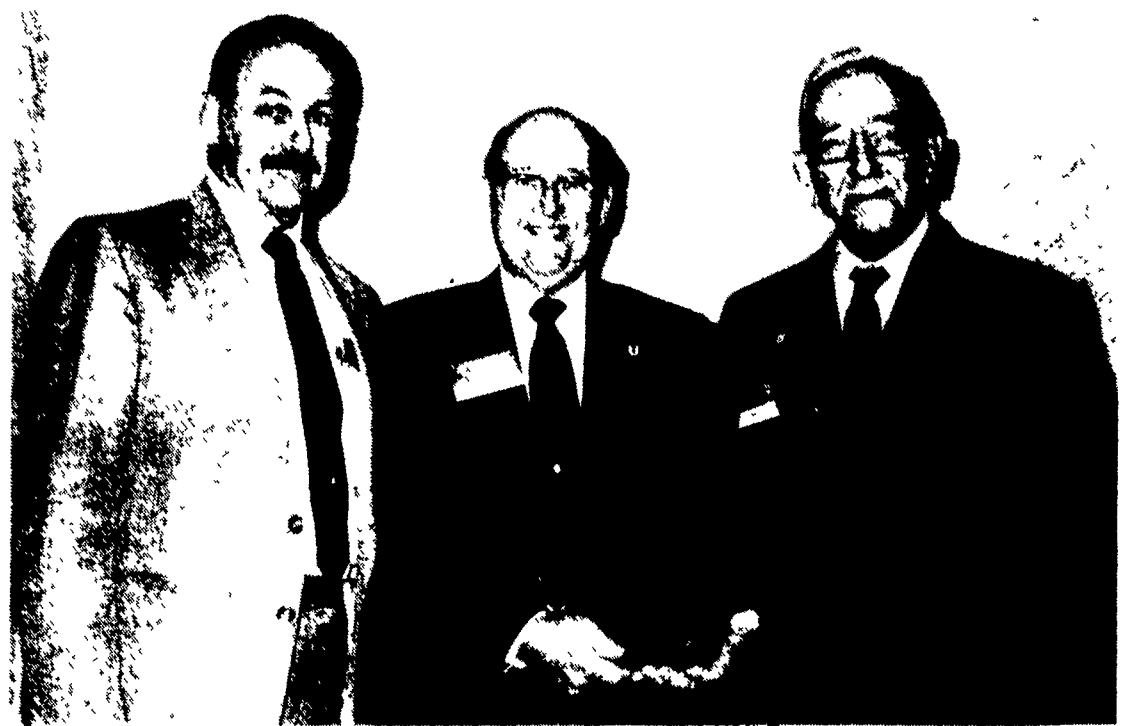
4 pound venison roast
2 tablespoons flour
2 cloves garlic, minced
1 large onion, sliced
2 tablespoons brown sugar
1 tablespoon Worcestershire
1 teaspoon mustard
¼ cup vinegar or lemon juice
1 pound can tomatoes

Allow fresh or frozen venison to stand overnight in Marinade (1 cup vinegar; 2 cups water; 1 medium onion, sliced; 1 large bay leaf or marinade of your choice). Season with salt, roll in flour and brown in hot skillet. Place in Crock-Pot. Add remaining ingredients. Cover and cook on High for 2 hours, then turn to Low for 8 to 10 hours.

SYRACUSE, N.Y. — At the holidays, many people's thoughts turn to ways to keep their weight under control. The multitude of holiday goodies and family feasts during this season can cause "waist" problems.

If you're hoping to greet the new year with your weight under control, here are some tips from Dairy Council, Inc. to help you through this season of treat temptations:

- Before eating, drink at least one glass of water.
- Use a smaller plate. Your meal will look larger.
- Have low-calorie snacks around. Eat them instead of high-calorie foods.
- Keep a food diary.
- Plan and set up a time schedule for meals and snacks.
- Keep all food in the kitchen.
- Store high-calorie, tempting foods in hard-to-reach or hard-to-see places.
- When hungry, set time for 20



W. Wayne Hinsh (center) associate dean for extension in Penn State's College of Agriculture, displays the plaque signifying his receiving the Agricultural Advisory Council Award. The award, which recognized Hinsh's innovative leadership of Penn State's soil testing program, his personal assistance to farmers, and his contributions to the state's agronomic crops, was presented at the Council's fall meeting, held October 21 at University Park. With Hinsh are Ag Advisory Council President Al Dugan, (left) who represents the Pennsylvania Seedsmen's Association, and Kenneth Beachley, who represents the Pennsylvania Foundation Seed Cooperative. Dugan is president of the Council, which advises Penn State on agricultural issues.

Holiday Waist Problems

minutes. Wait until then to eat.

- Find non-food ways to reward yourself.

- Leave the table after eating a meal.

- Never put food on the fork until the last forkful of food has

been chewed and swallowed.

- Exercise regularly. Use exercise as a diversion from unnecessary snacks.

- Weigh yourself once a week, not every day, because body weight fluctuates too much from

one day to the next.

Maintaining your weight during the holidays may be a challenge, but by working at it maybe you won't have to add losing some excess pounds to your list of New Year resolutions.

For Grandparents Only

CHESTER — Grandparents are very important to their families. Even if you live miles away, you can be a source of comfort and stability to your grandchildren. Here are a few ways to spice up your relationship with grandchildren who live at a distance:

1. Send postcards and letters. Young children especially love colorful picture postcards. When you write letters, send pictures of yourself, your pets, scenes from a trip, or pictures of the child from a previous visit. You can also sprinkle your correspondence with trivia questions and riddles.

2. Send audio cassette tapes. The children can play them over and over again and a taped "letter" is easier for a young child to understand than a written one. Young children can reply with their own tape. Ask the parents to interview the child on tape. The child might also play a piece recently mastered on a musical instrument.

3. Use phone calls for special occasions, if you need to watch your budget. Sometimes events that are occasional, rather than regular, take on special significance.

4. Invite one grandchild to visit

at a time. It prevents sibling rivalry and will help assure a relaxed time for both of you. Limit the first visit to no more than a week, in case of homesickness. Before the visit, make some plans with the child, by letter or phone. Plan something special to do early in the visit: a trip to a museum, an amusement park, or a fishing spot. Teach a grandchild how to embroider, use tools, make a favorite recipe, or plant a garden. If possible, arrange time for play with other children.

To be important to your grandchild, you don't need everyday contact.

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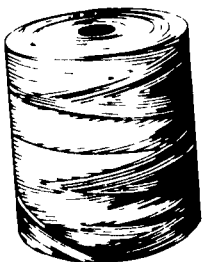
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Gift Ideas For Senior Citizens

CHESTER — We're often in a quandary about a gift for someone whom we want to remember. Sometimes we hear, "Don't spend any money on me." Other times the statement is "I really don't need anything." However, the gift is usually meant to say "I care; I'm thinking about you."



Getting ready for the upcoming Eastern Pa. 4-H Beef and Lamb Show and Sale to be held November 20 & 21 at the Allentown Fairgrounds are: (left to right) Andy Kumpf of Norristown, and Lynda Bernhard of Harleysville, pictured here at the Montgomery County 4-H Fair where Andy was named Champion Fitter (and his entry won Champion Helfer) and Lynda took Champion Showman honors. The sale will be held on Saturday, November 21st, 10:00 a.m. and is open to all potential buyers.

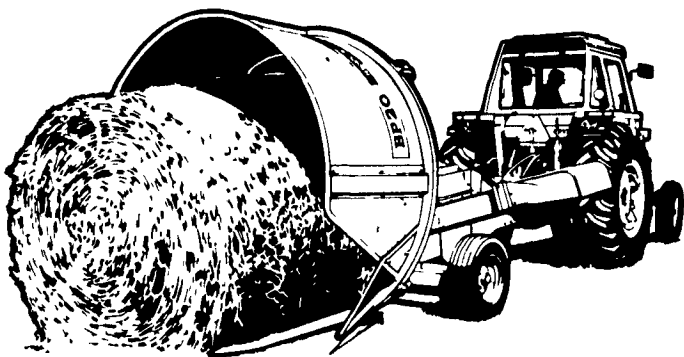
The following is a partial list of possible gifts. You may have even better ideas. Remember to keep the receiver in mind. You wouldn't want to give a box of candy to someone who can't eat sweets, or a small print book to a friend with eye problems. Here we go!

Coffee mugs with sayings; Note paper and/or stamps; Books with large print; Specialty books (glass collecting, needlepoint, crossword puzzle, pets, fish and game, birds watching); Personal gift certificates (pet sitting, visits, yard work, floor waxing, car washing, hard-to's, manicures, etc.); Sheet music, records, cassettes; a tape recorder/player; earphones or headset; Under-bed storage unit; Plants, gardening equipment or a gift certificate from the florist (recipient decides when to redeem); Placemats; Magazine or newspaper subscription; Pill cutter; Pill box; Night lamp or bedside or chairside "gooseneck" to put light where needed; Indoor-outdoor thermometer; Grocery store gift certificates; Restaurant gift certificates; Bird feeder, seed, identification guide book; Gourmet coffee, tea; Games; Bible in cassettes (many versions available: King James, Living Bible,

with sound effects, etc.); AT&T gift certificate or other telephone company; Telephone for hearing impaired; Sachet; Covered coat hangers; Personal TV set with remote control; Calendars; Personal photo albums; Mobiles; Small afghan; Knitted slippers; Home made baked articles - specially packed; Ingredients for one meal or a casserole dish... eat it with them; Paper products; Gift boxes of meat for the freezer; Gift certificates for car care or gasoline; Dried fruits or canned fruits packed in juice or water; Gift certificate to Travel Agency; Special diet foods; Clothes for special handicaps; Wheelchair related items (e.g. saddlebags); Carrier bag to attach to a walker; Concert tickets and a ride to get there; Craft supplies, e.g. knitting yarn; also teach a new pattern or skill; Stuffed toy (bear) or soft doll for those who have mental impairments and do not respond to usual stimuli; magnifying glass or large tin sheet magnifier, the size of a whole page.

Remember: If someone remembers you with a gift, they care. The best response is "thank you", not "you shouldn't have". Love is giving and receiving.

Introducing the Hesston Tilt-Tub Bale Processor!



Hesston has something new for feeding round bales! It's the Model BP-20 Tilt-Tub Bale Processor. A revolutionary machine loaded with new features that really make the difference!

Designed after the proven and popular tub grinder concept, this self-loading processor handles nearly any size of round bale. It's exclusive 90° tilting tub gives fast, easy bale pickup... and it feeds at a rate of 4 to 6 minutes per bale!

The rotating tub utilizes the bale's weight in processing instead of "fighting" the bale's weight. With this processor you can range feed or feed into bunks up to 48" high and vary cutting lengths to fit your feeding style!

See the "revolution" in action at your Hesston dealer now...the all-new Tilt-Tub Bale Processor!

★ **WAIVER TIL**
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★ **3.9% Financing**
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LONGENECKER'S, INC.
RD 2
Williamsburg, Pa.
814-793-3731

STANLEY'S FARM SERVICE
RD 1, Box 46
Klingerstown, Pa.
717-648-2088

STOLTZFUS FARM SERVICE, INC.
Rts. 10 & 41
Cochranville, Pa.
215-593-2407

STOUFFER BROS., INC.
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Chambersburg, Pa.
717-263-8424

UMBERGER'S OF FONTANA, INC.
RD 4, Box 545
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Frederick, Md.
301-473-4250
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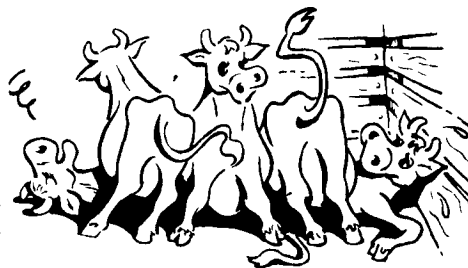
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HOME BAKED COOKIES KEEP BEST WHEN STORED RIGHT

Did you ever get ready for a crisp, crunchy cookie only to bite into a mushy one? If you have ever encountered this problem with your home baked cookies the reason is storage. Cookies go limp because they are not stored correctly. To keep cookies as delicious as the day you baked them, be sure they are completely cool before you store them. Never stack cookies. The best container depends upon whether the cookies are soft or crisp. Store soft cookies in containers with tight fitting lids. Crisp cookies keep well with loose fitting covers. Never store crisp and soft cookies together. If you goof, and your crisp cookies go limp, there is an easy remedy. Put them on a baking sheet in a 325 degree oven for three to five minutes. To save soft cookies that have dried out, place a slice of apple, orange or bread in the container and close tightly.

PENNSYLVANIA CHRISTMAS AND GIFT SHOW

The Fourth Annual Christmas Show at the Farm Show Complex will be held December 2-6 from 10:00 a.m.-9:00 p.m. (Sunday 10:00 a.m.-6:00 p.m.) Admission will be \$3.50. This event is a unique holiday experience from which you can gain new ideas for decorating and celebrating as well as getting a head start on Christmas Shopping.



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SATURDAY, JANUARY 9, 1988

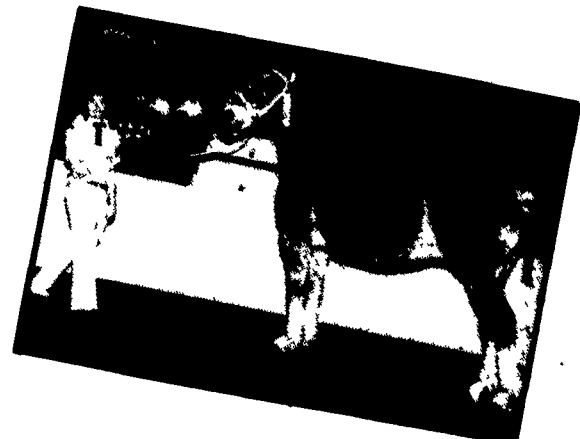
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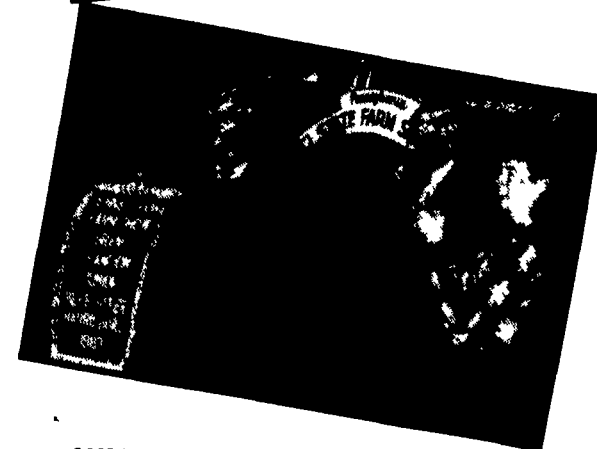
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2-horse TB Gooseneck, fully enclosed, 6' wide.....	\$3995.00
2-horse TB Delux GN w/4' dressing room.....	\$5295.00
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4-horse Delux Gooseneck, loaded.....	\$6750.00
6'x16' Bumper Stock.....	\$2195.00
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OFFICE HOURS: Mon. thru Fri. 8 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline: Thursday morning at 9 of each week's publication

- 1 - Farm Equipment
- 2 - Farm Eq. Wanted
- 3 - Silos and Unloaders
- 4 - Building and Supplies
- 5 - Grain Equipment
- 6 - Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline: Wednesday afternoon at 5 of each week's publication.

- 7 - Livestock Equipment
- 8 - Cattle
- 9 - Horses & Mules
- 10 - Sheep & Goats
- 11 - Swine
- 12 - Artificial Breeding
- 13 - Hog Eq. & Supplies
- 14 - Poultry & Supplies
- 15 - Feed & Seed
- 16 - Fertilizer
- 17 - Plants
- 18 - Fruits & Vegetables
- 19 - Nursery
- 20 - Lawn & Garden
- 21 - Services Offered
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- 25 - Business Opportunities
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- 27 - Pets
- 28 - Lost
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- 33 - Recreational Vehicles
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NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

Name _____ Address _____ City _____ State _____ Zip _____ Phone (____) _____

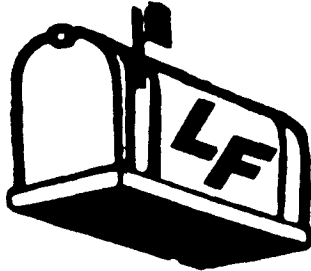
Please publish my _____ word ad _____ times starting with the _____ issue. Classify under _____ . I enclose _____ .

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: \$1.50 per ad per week additional. This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

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SECTION B - WEDNESDAY AT 5:00 P.M.

SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



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Words	1 Time	2 Times	3 Times
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12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

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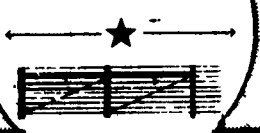
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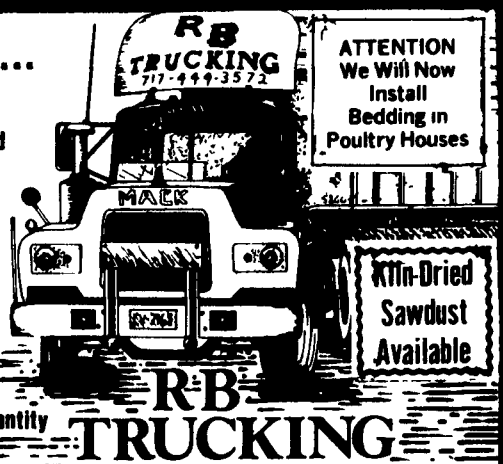
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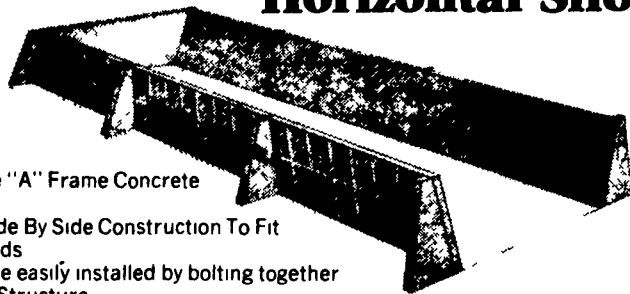
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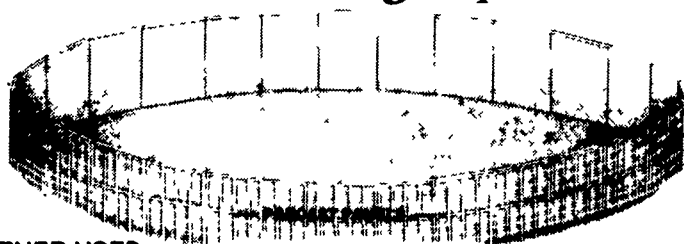
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Simmental bulls, heifers & cow calf pairs, quality genetics Call or visit, Lakeview Simmentals, Woodstock, VA. Only 3 minutes from I-81. 703-459-4900.

Angus Bulls, ready for service. Stump Acres, 717-792-3216, York Co.

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Would the person who called and answered about selling dairy cattle on consignment, please call back. Kids did not write down your phone number 717-649-5964.

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Lancaster Farming, Saturday, November 21, 1987-B29

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Preconditioned Polled Hereford bull calves, 600-800 pounds, progressive registered bloodlines. A P H A Guide Lines Breeder. All records available 814-237-0286

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Reg Holstein Bulls, year old & younger, out of dam with records 32,000m. First 4 lactations over 1,000f. Lancaster Co., 717-733-9585.

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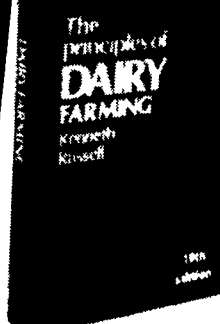
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9 HORSES & MULES

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Purebred Dorset ram, high multiple birth record \$200 717-993-6082.

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Pennsylvania Draft Horse & Mule Sale

February 18, 1988

Blizzard Date - February 19, 1988
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Sts., Harrisburg, Pa.

Tack - 8:00 A.M.

Horses - 12:00 Noon

Terms - Tack and Draft Horse related items - 10% with maximum commission \$50.00.

Horses - \$30.00 to accompany consignment.

If no sale - no refund. 6% commission - Maximum commission \$180.00.

\$30.00 entry fee to be deducted from commission.

Deadline for catalog - December 1, 1987

Cataloged Horses to sell first.

Will accept consignments up to 11:00 AM February 18, 1988.

Horses will be sold in order of consignment.

Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.

Note - We have a demand for wagons and equipment, Fore cart will be available for hitching.

Note-Non Cataloge consignors - you must give us one week notice so proper number of stalls are available - otherwise you will have to sell off your truck.

CONTACT FOR HORSE SALE

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5080 Martin Road, Kinzers, Pa. 17533
717-768-8177

W. David Keller
RD #2 Box 1, Hummelstown, Pa. 17036
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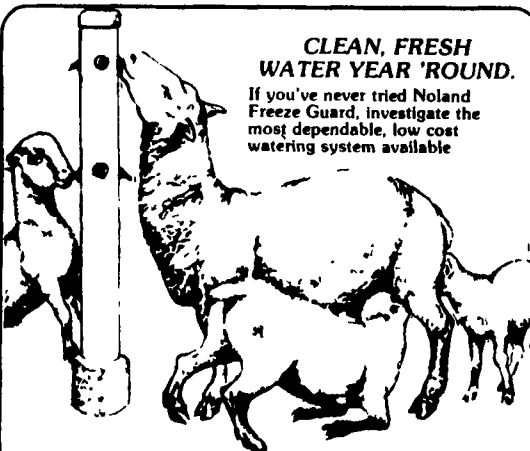
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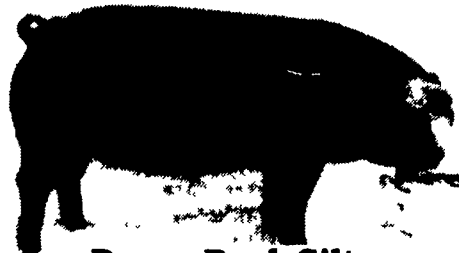
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(This Sale will offer one of the best group of Bred Gilts we have ever offered for sale)

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11 SWINE

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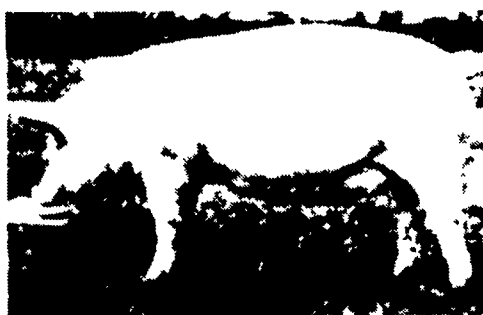
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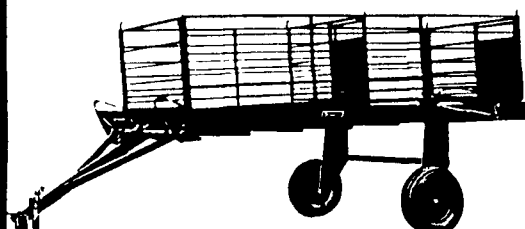
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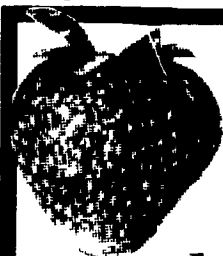
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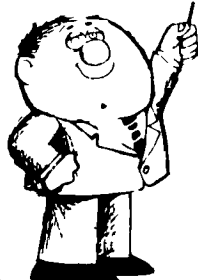
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Modern layer operation needs full-time manager. Strong mechanical skills and poultry experience preferred. Lancaster County 717-872-5370

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Immediate opening for swine herd person, large modern confinement hog operation near Lititz, Pa. Experience is not necessary. Good fringe benefits. Call 627-2850 or 627-2787.

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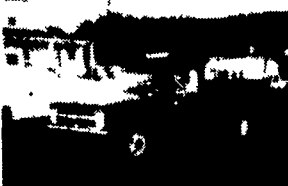
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14 ft. Duralite flat floor cube van, 350 Auto, PS, PB, with pull out loading ramp, 11,000 miles, like new.
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With 12 ft. Morgan van body, 350 auto, PS, PB, 49,000 miles, local 1 owner, ex. cond.
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1987 FORD F350
Dual wheel, cab & chassis, 460 auto., PS, PB, dual tanks, 11,000 GVW, radial tires, 150 miles with factory warranty.
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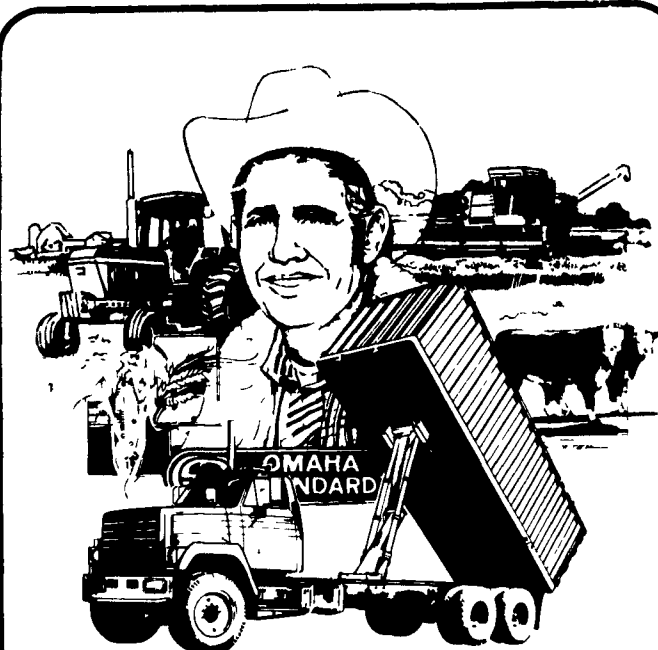
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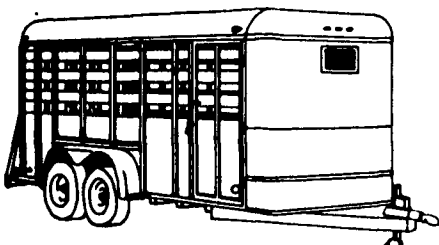


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Installation \$200

SALT SPREADERS

Tail Gate Hopper 600# \$1000
Bed Hopper w/Auger 1/4 Yd. \$2500

Snow and Grader Blades

Size
5 Ft. \$195*
6 Ft. \$220*
7 Ft. \$240*
8 Ft. \$350*

Brush Hog Rotary Mowers

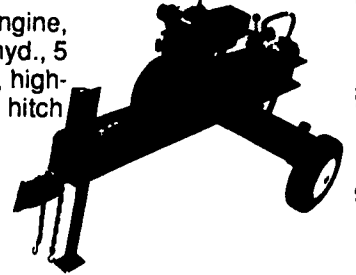
Available in 4', 5', 6' and 7' cutting widths. Three-point lift and pull-type models. • strong and versatile enough to handle all grass, weeds, stubble, stalks and brush • constructed of a 7 gauge unitized deck, reinforced with heavy angle and a heavy duty A-frame • flex hitch • 1/2 x 3" suction blades on a round blade carrier and a 1 3/8" spline quick disconnect PTO shaft

3 Point Hitch Models

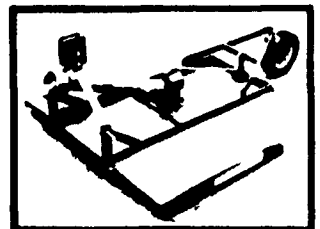
Size
4 Ft. \$450
5 Ft. \$550
5 1/2 Ft. \$600
6 Ft. \$700
7 Ft. \$1600

Log Splitter

8 HP industrial engine, 17 ton, two stage hyd., 5 gal. hyd. reservoir, highway tires, 2" ball hitch \$900



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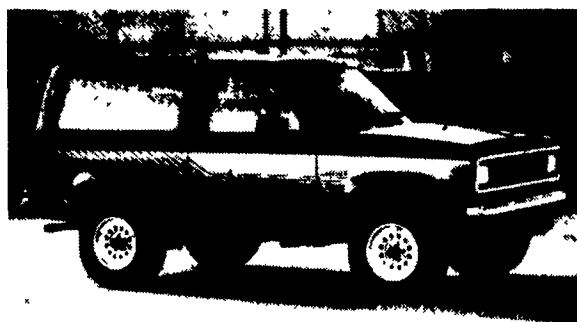
BRONCOS DIESEL PICKUPS CHASSIS CAB CARGO VANS 4x4 RANGERS PICKUPS
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1979 FORD F-600

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ST 9403A

\$5473



1980 FORD LN7000

3208, 175 H.P. Cat, diesel, 5 spd., power steering, vacuum brakes, radio, 27,500 GVW, real good condition.

ST 1312A

\$8974



1988 FORD

Super duty c/c, 161 in wb, 5 spd. trans., overdrive, PS, PB, AM-FM stereo, V8, diesel, headliner & insulation package, clock super engine cooling, aux. fuel tank, tinted glass, chrome grille, 14,500 GVW, mud & snow tires

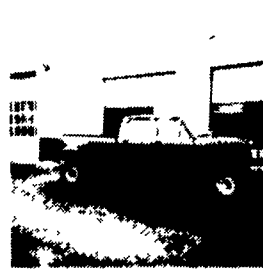
ST 1304



1988 FORD F250

Supercab, V8, auto. trans., PS, PB, AM-FM Stereo, argent rear step bumper, chrome grille, sport wheel covers, bodyside moldings, spare wheel, 8 ft. bed, all season radials, 8800 GVW.

ST 1297



88 FORD F350

4x4, crew cab, pickup, V8, 5 spd. trans., overdrive, PS, PB, AM-FM Stereo, tach., chrome grille, limited slip rear, trailer towing package, rec. mirrors, roof clearance lights, sport wheel covers, all terrain tires, lower bodyside moldings, spare wheel.

ST 1294



88 FORD F350

4x4 c/c V8, 5 spd. trans., overdrive, PS, PB, tachometer, chrome grille, limited slip rear, handling package, super engine cooling, aux. fuel tank, all terrain tires, tinted glass, headliner & insulation package.

ST 1206

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'86 Chevy C-30 Silverado Pickup, V8, PS, PB, AC, AM&FM, Rear Sliding Window, 7,000 Miles.

\$11,900



'86 Chevy C-20 Silverado Pickup, 6.2 Diesel, PS, PB, Auto, AC, AM & FM Cass., Cruise, Tilt Wheel, Dual Tanks, Rear Sliding Window, 12,000 Miles

\$10,500

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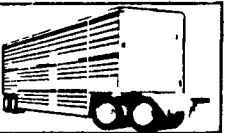
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FOR SALE

10 1/2' Eby aluminum cattle body w/ ramp & swing gate, double deck rails. 1978 GMC w/27,000 gross weight, 16' flat body. 717-788-2371

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1985 F250 diesel, 42,000 miles, auto. trans., full power & AC, excellent condition, good for heavy duty work or pulling camper or trailer. Must drive to appreciate. \$7,900 O.B.O. 215-589-2719 or 215-488-1020



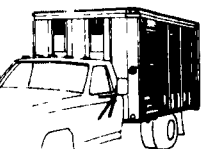
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M.H. Eby builds reliable livestock trailers to your custom specifications. With heavy-duty slat-and-post construction and an aerodynamic front end, Eby POTs are made to take a beating. Call today to order your 1988 model or choose from our nice selection of used trailers.

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- 1979 American - 45'x13'2" Cattle-Hog Drop Deck
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- 1974 Wilson - 43'x13' Cattle-Hog Drop Deck
- 1965 Hobbs - 40'x13'4" Shallow Drop

USED EBY ALUMINUM LIVESTOCK BODIES SALE

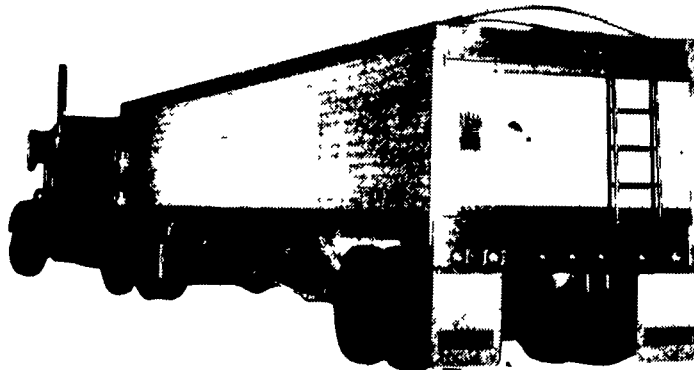


- 20' Eby, 6'6" Height,
- 26' Eby, 7' Height, 1/2 Double Deck

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Blue Ball, PA 17506
(717) 354-4971



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Got Grain? Then get the trailer that is TimpTE tough... the Super Hopper. It's not only built to take it...it's also built to cut fuel costs. The Super Hopper is lightweight and aerodynamically designed to reduce wind drag. When there's grain to be hauled, TimpTE does the haulin' best and pulls a lot easier than the rest.

USED HOPPERS FOR SALE

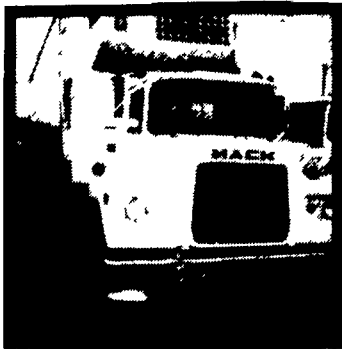
- 1984 Crescent Steel, 42'x65" Sides, Hopper Bottom
- 32' Level Floor Grain Trailer

M.H. EBY, INC.

Box 127, Blue Ball, PA 17506

(717) 354-4971

- Specials:** 45x13' Strick Van Trailer - - \$3,700.00
40x13' Fruehauf Van Trailer - - \$2,500.00
45' Fruehauf Electronics Van Trailer - - \$10,000.00



1981 Mack U-Model, 237 Mack, 5 Spd, P/S, Air Brakes, 24' Reefer 35,000 GVW



1980 Ford LN7000, 3208 Cat, 5 Spd., P/S, 20' Van Body

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BLAST CABINET**

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MODEL 100 (PICTURED)

Our heavy duty Blaster model is sized to fit most larger jobs. Its larger capacity allows you the flexibility to handle all types of jobs.
THIS UNIT FEATURES 10' of sandblast hose • Holds 100 lbs. of No. 1 or No. 2 silica sand or any dry sifted abrasives • 6 ceramic tips (2 each 3/32 1/8 5/32) • Deluxe hood and funnel • 6 in. wheels for easy mobility • Moisture separator pressure gauge and convenient gun valve • Working pressure 40 to 150 PSI using 7 cu. ft. of air per minute at 80 PSI

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"All Models Are Pressure Type"

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**RAZORBACK TRAILERS
CAR — UTILITY — EQUIPMENT**

LANDSCAPER — Single Axle, Spoke
Wheels & Brakes, 8 In. Side Rails, 6 Ft
Ramp, 12 Ft., 3,000 GVW \$1,160

16 Ft. — Twin Axle 7,000 GVW \$1,650



SINGLE AXLE — 6 Ft 4 In. Wide Full
Plank Deck, With Two 5 Ft. Steel Ramps,
Brakes Not Required, 3,000 GVW

10 Ft \$695
12 Ft \$770
14 Ft \$845



DECK OVER WHEELS — Full 8 Ft. Wide x
20 Ft. Long Oak Deck (Including 4 Ft.
Beavertail), 6 Ft. Tongue, 8 In. I-Beam
Frame, All Wheel Brakes, Flip Down Ramps,
D-Ring Tiedowns, Pintal Hook
"Limited Availability On This Model"
9-Ton 3-Axle \$2,799

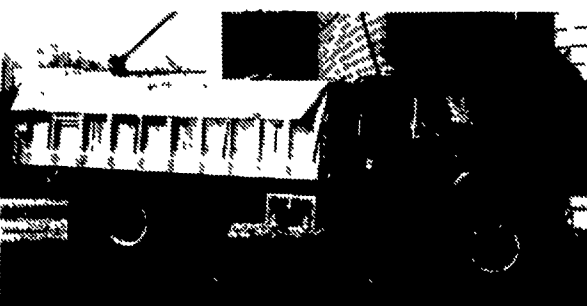
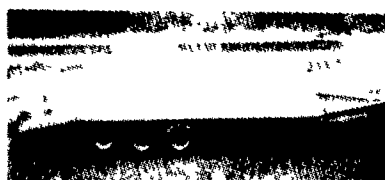
BOX DUMP — Legitimate Dump Box, 8 Ft.
Long, 7 Ft. Wide, (Not A Pickup Truck Con-
version), 5-Ton Hydraulics, 7,000 GVW,
Four Wheel Electric Brakes \$2,995

FLAT DUMP — Same As Above, Side
Racks Optional \$2,495

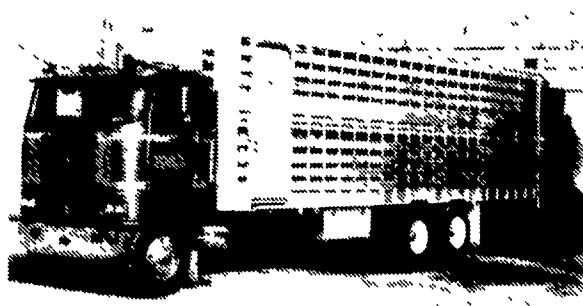


TWIN AXLE — Basic Unit With 16 Ft.
Deck, 3,000 GVW \$995
With Four Wheel Brakes, 16 Ft. Solid
Plank Deck, Two 5 Ft. Steel Ramps, Fla-
Or Side Rails, 7,000 GVW, GREAT FOR
CAR HAULER OR UTILITY \$1,195

CAR HAULER — With Diamond Steel
Center Open Deck And 8 Ft. Steel Ramps,
4-Wheel Brakes \$1,350



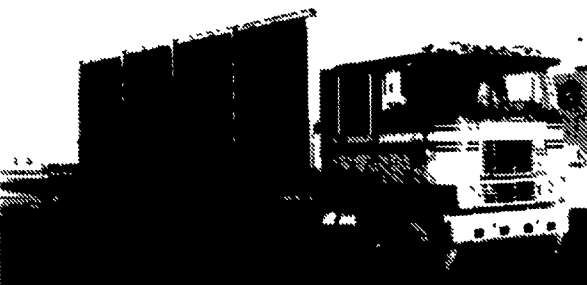
An Eby grain body is surprisingly
affordable and built for the long haul



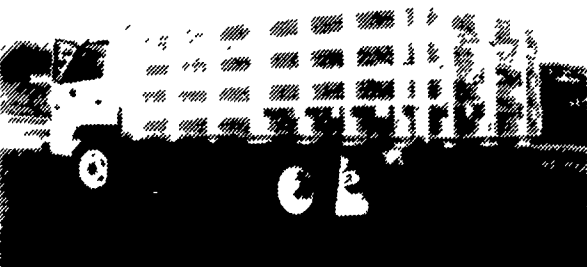
Reliable Eby livestock bodies are now
aerodynamically designed



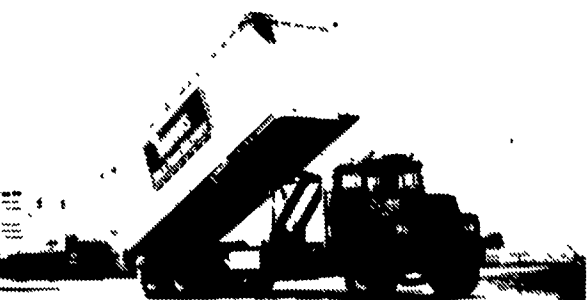
Eby's slip-in extends the usefulness of
your pickup for minimal investment



A chicken body built to keep your
birds dry and protected



Eby stake body is the right choice for
farm or commercial use



Consider an Eby bulk body for
reliability and ease of use

Aluminum Bodies for the Agri-Industry

Back in 1938, when Menno Eby Sr. began making wagons and cattle trucks, he was determined to give farmers strong, wooden truck bodies at a competitive price.

Some things change. Others stay the same.

Today, M. H. Eby, Inc. produces a wide variety of sturdy and reliable truck bodies for agri-business. Everything from livestock bodies through stake bodies to grain and bulk bodies. All at competitive prices.

But now every Eby body is all-aluminum. Consider some of the advantages you get over traditional wood and steel construction:

- As much as 50% lighter — allows for increased payloads.

- It will never rust through or rot.
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- Overall maintenance costs are greatly reduced.

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- They have much better resale value.

What's more, you can always tell Eby what you want on your body. Everything we make is custom-built. A long list of options available for every body style allows you to design the body you need for your operation.

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**BRAND NEW
LIVESTOCK BODIES**

- 12'x5'6"x92"
- 16'x6'6"x96"

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35 TRUCKS & TRAILERS

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MONARCH...	6' wide 7' high (Brakes both axles) BP-12ft Brn BP-12ft Gray Horse Combination	NOW \$2375 \$2375
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Over 400 New and Used Trucks In Stock For Immediate Delivery

1978 Ford F-700



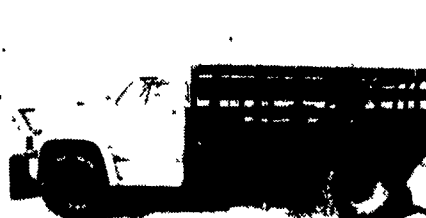
V8, 5 Spd., 2 Spd. Rear, 27,000 GVW, 16 Ft. Steel Platform Body, 10x20 Tires Stock #7922-A
Was \$7,995 **NOW \$6,995**

1961 Dodge Power Wagon



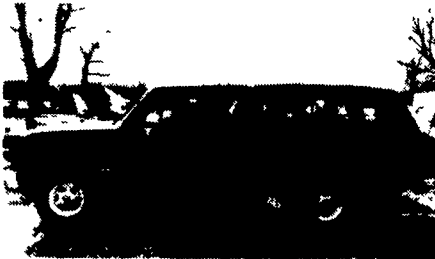
43,000 Miles w/Holmes Wrecker, Excellent Condition.
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1979 Chev C-70



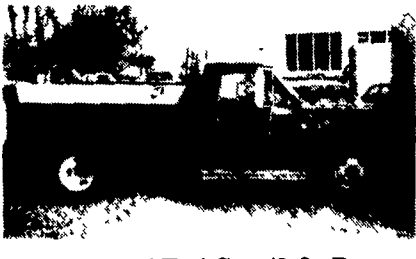
350 V8, 5 Spd., 2 Spd. Rear Axle, 28,500 GVW, 12 Ft. Stake Dump ST #9999
Was \$8,995 **NOW \$8,595**

1987 Suburban K20



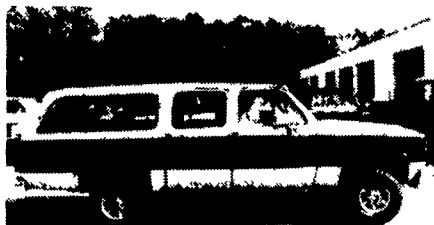
New 4x4 Silverado Diesel Loaded. ST #9441.
Was \$23,995 **NOW \$19,995**

1985 Dodge



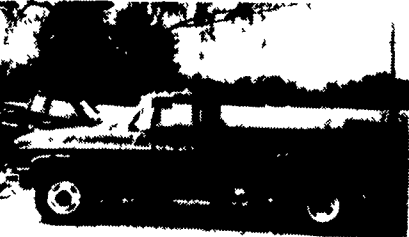
D-300, V8, AT, AC, w/8 ft. Dump, Stock #8155A
Was \$12,995 **NOW \$11,995**

1985 GMC Suburban



4 Wheel Drive, Loaded, 13,000 Miles, Stock #9379
Was \$15,995 **NOW \$14,995**

New 1987 Chev Dump



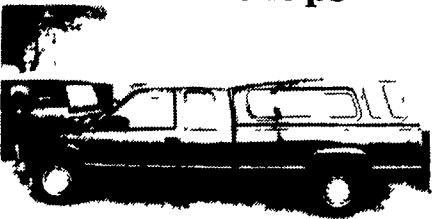
1 Ton V8, 4 Spd., w/8 Ft. Dump Body Stock No. 7337
Was \$17,995 **NOW \$15,995**

S10 EL Pickup



4 Cyl., 4 Spd., w/Air. ST #8202.
\$7,995

1988 Pickups



Over 125 In Stock
Starting As Low As
\$9,795

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36 REAL ESTATE

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Eastern PA Farm, 25 minutes north of Allentown, 78 beautiful acres with stream, modern 3 bedroom brick Cape, fully equipped 40 cow barn, investment potential, asking \$265,000 Call 215-377-5926.

FARM BY OWNER 94 acres, good barn, cabin, excellent hunting & fishing, \$120,000. Call 717-527-4518 Between 6 & 7 p.m.

For Sale: South Central, PA. 107 acre farm currently dairy but very adaptable to your needs. Woods, stream, road frontage. 717-328-2859 or 717-328-2306 Evenings.

HOUSE FOR SALE: Blossburg area, family home or camp, 8 rooms w/bath Rural setting in quiet valley w/stream In family over 40 years About 3 plus acres, some planted w/Christmas trees Taxes \$120 per year, all utilities on site, town water Presently rented \$25,000 717-638-2934 after 5

MARYLAND HORSE FARM 10 acres near upper Maryland Board fencing, 14 stalls, storage barns, horse walker, lighted riding ring, caretaker house, main home is all brick cape cod, 4 bedroom, 2 bath Plus many extras \$350,000 301-981-2533

Modern dairy farm for sale 410 acres, 330 tillable, m/1-2 houses, 2 barns, pond for recreation, 75 cows, 40 heifers, full line equipment, \$425,000 Will separate. If interested call 717-549-5755 after 6pm.

FOR RENT: 114 acre farm, 4 bdr. farmhouse, huge bank barn, 7 miles West of York. 717-741-1700

Five hundred acres of prime Pennsylvania land Rustic, wooded, and open acres with babbling stream through wooded area Landing access to the river Large, well kept, three story farm house along with a very large brick structure. A developer's dream, a farmer's haven. Suitable for raising horses, crops or for development. Serious inquiries 717-587-0540 \$500,000.00.

Seneca Co., New York Near Mennonite church/school. In operation 100 acre, 23 cow tie stall, pipeline fully dairy oriented Good home. \$100,000 WJW Realty, Seneca Falls, NY. A.J. Farney Call 315-568-5910 or 315-568-9534

WANTED: 50 cow farm to rent, for Spring of '88 Reply to Lancaster Farming, P.O. Box 366, R-117, Lititz, Pa 17543

WANTED TO RENT with or without option small farm for very small dairy herd or general farming w/house Property will receive best of care. South Central PA Will consider other areas 717-765-4881 or write Kenneth A. Martin, 7710 Creager Road, Waynesboro, PA 17268

Wanted Dairy or beef farm, minimum 40 ac, Lehigh or Berks County, reasonable Write Box 312, RD2, Center Valley, PA 18034, 215-791-0186.

Wanted to Lease. 30 or more acres in Lancaster County for recreational activity Should be relatively flat Call 717-284-3586 evenings for more information

FOR SALE OR FOR LEASE

300 acre and 300 cow dairy facility, double 6 parlor, 2000 gal tank, 7 new computer feed stations and 250 Transponders, (2) silos 20x60 each, one silo 24x75, Harvestore 25x80, Harvestore 20x70, 5 barn yards all concrete and all on one manure system Excellent silos and good buildings 75 miles west of Washington, D.C., just off I-81 in Berkeley Co., West Virginia.

Call for more details
304-263-9801

36

REAL ESTATE

110 acre limestone farm, 13RM brick house, 36 stanchion bank barn, other buildings, small stone house, 2 streams. Also 55 plus acres with stream, meadow and woods and 90 acres in crops. Just south of McConnellsburg, PA, on Rt. 522. Chambersburg Trust Co., Real Estate Dept., Emory Middour Realtor, 717-267-3882. Mabel Werdebaugh 717-264-5092.

FOR RENT: One of the better farms in Mifflin Co., 150 acres plus 80 acres pasture, loose housing, milk parlor, bulk tanks, silos. Two houses if necessary. Donald A. French, RD1, Box 20, McVeytown, Pa. 17051. 717-899-6837

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FOR RENT

Dairy Of Distinction, 50 milkers, 150 tillable acres, available March '88.

Bellvale Farms
Warwick, NY
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FARM FOR RENT

Avail. March 1st. 400 acres w/60 stanchion barn, 3 add'l. barns & 2 houses. Renter must furnish own machinery & cows. If interested contact me before Jan. 1. Farm 7 mi. south of Delta, Pa.

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Write: H.S. Walter
3025 Ady Rd.
Forest Hill, MD 21050

Union County

150 Acre Farm, house, barn, many outbuildings, very nice.

Snyder County
Desirable Home with Stables, and rental unit. Picturesque setting, \$159,900.

75 Acres. 5 bedroom home, barn, milkhouse. \$75,000.

75 Acres 2 story brick Colonial, barn, outbuildings, 400 feet of Penna Creek frontage. Exceptional property, \$210,000.

54 Acre Farm, barn, pasture and woodland, 8 room home \$70,000.

26 Acres, house, barn and outbuildings, \$55,900.

37 Acres 4 bedroom home, barn, corn crib, outbuildings, \$88,500.

Christmas Tree Farm. 85 acres. Current inventory between 10,000 and 12,000 trees, \$89,900.

Amish Farm 15 acres tillable, house, barn, tobacco barn, silo. All five years old. Private. \$65,000.

90 Acre Farm. Excellent barn, 63 acres tillable, ranch home and other outbuildings, \$120,000.

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Juniata County Dairy Farm. 144 acres well equipped, 4 bedroom house, private setting

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185 acres mountain ground, bordering State Game Lands, gently sloping, 7 miles outside of Lewistown, Pa. Excellent hunting, \$450. per acre. 717-436-9594

Columbia Co. Farm, largest parcel of land in Jackson Township is now available, 120+ acres, (100 tillable), including farmhouse, dairy barn w/living quarters, some furnishings & farm equip. Priced at \$275,000. Call for full details & appointment showing. Coldwell Banker, Benjamin Real Estate. 717-788-4104

Near Honey Brook, Chester Co. 29 acre farm, 2 1/2 story farmhouse, 45 stall dairy barn, milk house, 2 silos, horse & carriage barn. Hornings Farm Agency Inc. 215-286-5183

Huntingdon Co. Farm

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property. 18x45' Fickes silo w/unloader. Many other extras. \$285,000.

Colonial Real Estate Agency
814-447-5511

FOR RENT OR LEASE

Perry Co. 16,000 square ft. plus 3 acres. Ideal for small business or small mfg. 717-582-2352
Leave Message

192 ACRE DAIRY FARM

Bradford Co., PA \$190,000
110 acres of cropland, 60 tie stall dairy barn, 2 inch stainless steel pipeline, 625 gallon Universal milk tank, gutter cleaner, 3 silos 12'x40', 16'x50' & 18'x70' with automatic top unloaders, modern house. This is a clean operating dairy farm.

Call Alan Stock
717-866-7102

SUBURBAN REALTY FARM DIVISION
717-867-4487

189 acres - 179 tillable - 10 woods, excellent alfalfa & corn ground. Pipeline milker-2". Ten minutes from Watertown, N.Y. Modern, 4 bedroom country home. All crops in for winter. Sell w or w/o cows. Ac. Assumable Mortgage (3150 788-7290).

FARM ATMOSPHERE WITHOUT LARGE FARM WORRIES

A nice 2 story, 1 1/2 bath, 3 bdr. home, sits on 4.11 acres in Alloway Township, Salem Co., NJ. Affords privacy w/convenient access to major travel routes. A 2 bedroom mobile gives possibility for rental income, small business, or office use. Small Christmas tree nursery, few fruit trees, grape arbor. Call for more details. \$125,000.

COLDWELL BANKER REALTY CONCEPTS
609-678-2044

Call between 9 a.m. & 8 p.m.
Independently Owned & Operated

FOR RENT: 95 acre dairy farm, limestone soil, recently built 58 tie stall barn, pipeline milker, bulk tank & compressor, manure storage, new 20x70 silo w/unloader, heifer barn remodeled last year. Dairy facilities can be rented separately. Adams Co. 717-637-9288

MT. JOY FARMETTE

Price Reduced to \$99,000
3.7 Acres with easy access to Rt. 283. Remodeled farmhouse, 3 bedrooms, family room with fireplace, screened in porch, formal dining room. Contact Fred L. Koser, Autrey Zink Realtors, 717-392-8493.

FOR RENT

Available 3/15/88
62 cow dairy barn w/young stock & dry cow facilities. Pipeline, gutter cleaner & manure storage. Heifer free stall. House available. References required. Chester Co. 215-932-9762

For Sale: 136-A dairy farm, 2 silos, 70' feed trough, pipeline milker, 5 bedroom house, 2 baths, modern kitchen. Berks Co., PA, 215-926-2529.

Repossessed homes from Gov't from \$1.00 plus repairs/taxes. Throughout PA/Nationwide! Also tax properties. 216-453-3000, Ext. H4827.

FARMS FOR SALE MARYLAND'S EASTERN SHORE Queen Anne's County.

300 Acres, 265 tillable, 300 head hog finishing operation, grain storage system, some fencing, 35 acres alfalfa, Victorian house, \$450,000.

Large block of excellent farm land, 431 acres, 390 tillable, large pond, good flowing stream for irrigation, \$1,300,000.

187 Acres, 182 tillable, older farm house, \$390,000.

Modern brick rancher on 41 private acres, pond, 18 acres tillable, orchard for family use, \$225,000.

KENT CREEK REAL ESTATE
Galena, MD
301-648-5656

OPPORTUNITY

Just the opportunity for two incomes or a full time specialized farm operation. This is an excellent time to keep your present job and generate more than enough income from this farm operation to make mortgage payments. In Northern Frederick County 9 ac ± with 3 BR, 2 bath rancher, 3 modern metal outbuildings 50x54, 32x140, 32x40 in very good condition. These buildings can be set up for many different uses such as beef, calf, sheep, swine or other operations. Never be without electricity with the propane generator which cuts on automatically. For the purchaser who needs more open land there is 24 ac ± adjoining that can be purchased. Contact Jim Trout 301-898-9391 or Pat Clem 301-898-3023.

TROUT REAL ESTATE, INC.
15 North Court Street
Frederick, MD 21701
301-694-0222

RUSTIC LOG LODGE in the heart of the Black Forest & Pine Crk. area. 500 miles of snowmobile trails, cross country & hiking trails. Canoeing, golfing & sightseeing. Completely Stocked & Equipped Modern Kitchen & Bar. Huge Stone fireplace. Seats 150. \$395,000. W-1213.

2 BEDROOM 12x60 MOBILE HOME-GARAGE w/FDA approved Canning Kit. Large Garden Area w/Produce stand on Rt. 287 S. of Morris. Close to State Land, Excellent Hunting Area. \$24,900 W-1172.



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"Serving Tioga & Potter Counties"
East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

FINGER LAKES, NEW YORK SENECA COUNTY: Former Sheep Farm

Minutes from Seneca & Cayuga Lakes, Cornell & Watkins Glen. 73 acres, 2 ponds. 4BR Greek Revival home, fireplace. Carriage barn w/stalls plus spacious hay barn. \$85,000

MODERN HORSE FARM

2 Stables, 12 stalls, 10 acres fenced pasture, corral, large pond, 4 BR Greek Revival home, in-ground pool, 1 acre of fruit trees, 5 acres evergreen trees, total 18 acres. Midway between Cayuga & Seneca Lakes near Ithaca & Watkins Glen. \$75,000 (Owner Financing Possible)
12 room country home completely remodeled, Seneca Lake view and vineyard setting, approx. three acres with 776' road frontage and several outbuildings. \$70,000.

FORMER SHEEP AND BEEF CATTLE FARM

Prime farmland 108 acres under cultivation. Modern 4 BR ranch w/good view of Seneca Lake. Near former Sampson Naval Training Center, now a state park. 2 story barn 100'x38', plus large shed 20x40' spacious garage. \$165,000.

ODOMIROK REALTY
Box 220,
Ovid, NY 14521
607-869-2363

Circa 1860 two-story Chestnut & Oak hand-hewed log house. 18'x21' with open staircase, fabulous old painted interior. Complete package \$22,500 cash. For inspection & details.

Call Steve 1-717-536-3382
Numbering and delivery available

SOUTHERN BEDFORD CO., PA HUNTERS SPECIALS

41 mostly wooded acres w/small stream & spring run. Older 2 story frame house, great hunting area, also close State Game Lands. \$36,500.

10'x50' mobile home w/8'x22' added room, on 1 acre lot. Only \$9,800

Furnished 24'x28' cottage w/screened in porch, on 1.82 acres, bordering Juniata River & large wooded area. Ideal for hunting & fishing. \$23,500.

53 open & wooded acres w/older 2 1/2 story 4 bedroom frame house, near Bedford, Pa. \$42,500.

26 mostly wooded acres w/small stream, near Everett, Pa. \$22,000.

Paul Plovish Real Estate
66 West Fifth Ave.
Everett, PA 15537
814-652-5226

FOR SALE BY THE U.S. GOVERNMENT: The Farmers Home Administration will sell through sealed bid, property located near Hornell on the Van Campen Road, Steuben County, the following farm property. 411 acres of land with approximately 151 acres of tillable and 148 acres of woodland, 2 dwellings, dairy barn with free stall addition, shop and 4 silos.

Property may be inspected by contacting the Farmers Home Administration county office at 3 Pulteney Square, Bath, New York 14810, telephone number (607) 776-9631. Additional information and bid forms may be obtained from the county office, also Sealed bids will be accepted until 4:00 PM on December 3, 1987, at which time bids will be opened.

Bid Deposits: All bids must be accompanied by a deposit of not less than 10% of the bid in the form of cashier's check, postal or bank money order or bank draft, payable to Farmers Home Administration. Preference is given to cash offers. Credit terms are available to qualified buyers as described in the information sheet available at the Farmers Home Administration office

Successful purchasers will be required to implement the requirements of a conservation plan prepared by the Soil and Conservation Service to protect highly erodible land and/or wetlands. Preference is given to successful bids from family size farmers in accordance with FmHA regulations. The Government reserves the right to reject any and all bids. The property will be sold without regard to race, color, religion, sex, age, national origin, or marital status

BEAUTIFUL FINGER LAKES AREA

SO. TIER - 293 ac., 180 ac. til., 35 ac. fenced pasture, 25 ac. forest, 2 ponds, 125x50-64 cow tie barn, silos 12 rm., 7 bdrm, 3 bath house, 2 mobile home hook-ups, \$175,000, #2438

STEBEN COUNTY - 237 Ac., 100 ac. forest, 120 ac. til., pasture, pond, springs, lg. barn, 10 rm. house, 5 bdrm, 1.5 bath, spacious modern kit w/appliances, quality thru out, 2 car garage, \$179,000 #2537

CORNING, NY NEAR - 125 ac., 90 ac. forest, fenced pasture, stream, 24x60 barn, 4 bdrm, 2 story house, new furnace, \$50,000, assumable mortgage, #2548

CAMPBELL, NY AREA - 80 ac., 16 ac. mixed hwd, 50 ac. til., balance pasture, stream, springs, 45x30 basement barn, 26 stanchion, 26x15 garage w/workshop complete w/furnace & water, 3 bdrm house, lg. kit-din. rm. combo w/newer cabinets, new carpeting, liv. rm., den, only \$58,500 #2700

BATH, N.Y. - 108 ac., part forest, creek, springs, abundance wildlife, \$375 per ac, terms #2584.

TOWN OF BATH - 63 ac. mostly wooded, \$35,000, terms #2631

TROUPSBURG - 189 ac, part forest, mostly til., long road front; \$250 per ac, Terms #2691.

MAKTRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
Hrs., 8 to 5 (607) 776-6665
24 Hr. # (607) 776-2468
Plus After Hours: (607) 776-2386

36 REAL ESTATE

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Farms, ranches & businesses.
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St. Louis, Missouri 63139
800-325-9943

FARMS FOR SALE

HORNING FARM AGENCY

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Morgantown, PA 19543

Titus Snader, Agent
RD 2, Milton, PA 17847
(717) 437-2714

MONTOUR CO.
83 acres grain & veg.
95 acres grain & veg.
7 acre lot
190 acre grain, beef & veg.

NORTHUMBERLAND CO.

200 acre good dairy & grain
105 acre grain & beef veg
200 acre large dairy
70 acre small dairy
150 acre dairy & veg
110 acre veg. & dairy

LYCOMING CO.
240 acre large dairy 64 stall milking plus large free stall barn.

SOUTHERN YORK COUNTY

168 acres of prime farmland. Gently rolling, this acreage is almost totally tillable, has over 7,000' road frontage, 50x300' building, implement storage shed, small steam and some of the most beautiful sunsets anywhere. Just waiting to be your farm or estate. Only \$285,000.

Century 21 Colton-Pace
Shrewsbury, PA
717-235-6802

STATE-OWNED PROPERTY FOR SALE

The Commonwealth of Pennsylvania, Department of General Services, will accept sealed bids for the purchase of a dairy barn complex and approximately 381.24 acres of land located at Warren State Hospital, Conewango Township, Warren County, PA.

Minimum bid for this property is \$187,000.

This property will be restricted to agriculture and open space uses only. Written requests for proposal packages must be received no later than 5:00 P.M. 12/16/87 and mailed to:

Stephen J. Squibb
Bureau of Real Estate
Department of General Services
Room 503 North Office Building
Harrisburg, PA 17125

JUNIATA COUNTY

Contemporary 1 level with lofts, energy efficient, 4 BR home, 2,000 sq. ft. plus, private 4 acres, 2 fireplaces, woodburning stove, zoned central heating/air conditioning, well landscaped, fruit trees, low taxes, ideal hunting & fishing area. By owner, \$149,900.
717-248-6691.

924 ACRES - Mt. land within 12 miles of Penn State Excellent hunting (Bear, deer, turkey) with trout fishing nearby at Bald Eagle Creek and smaller feeder streams with natives. Entire tract for sale at \$305,000 (\$330.00 per acre) or tracts as small as 143 acres. Call Miles Clevensine, 814-383-2755.

4.6 ACRE RETREAT - 2 miles from Poe Valley State Park. Swimming, fishing, boating & GREAT HUNTING - deer, bear, turkey. 3 bedrooms, 1 1/2 baths, central heat, stone fireplace & wood burner. Excellent condition w/45' porch & patio. Great property for Penn State football weekends, hunting & summer vacations. Asking \$69,900. Call Bill Shuey for appointment

REAL ESTATE CENTRE 2212 N. Atherton St.
State College, PA
814-234-1150

FOR SALE BY THE U.S. OF AMERICA acting through the Farmers Home Administration. A hog and grain farm located on NYS Rt. 364, Penn Yan, NY consisting of approximately 709 acres, 517 tillable, 3 dairy type barns, 2 Harvestore silos, 1 Sealstore silo, several metal buildings for handling farrow to finish production, slurrystore, grain bin, storage sheds and 3 dwellings. Farm has bases for corn, wheat, oats with ASCS. This farm will only be sold to operators who are determined eligible by the FmHA Yates County Committee. Credit terms may be up to 40 years at the interest rate in effect at the time of approval. Purchasers will be required to implement the requirements of a conservation plan prepared by the Soil Conservation Service to protect highly erodible land and wetland. The property will be sold without regard to race, religion, sex, age, national origin or marital status. Information concerning this property and forms are available to the Farmers Home Administration office, 100 Elm Street, Penn Yan, NY - telephone number 315-536-4483. Interested parties must contact this office by December 3, 1987 and all bids must be received by December 10, 1987.

DON'T LIKE THE BARN? DON'T LIKE THE HOUSE?

Great opportunity to construct your own on this 130 acres of high producing land priced under \$1,700.00 per acre. Located in York County. Call 464-4700.

PENN MANOR SCHOOL DISTRICT
Located in Martic Twp. is this 2 1/2 story farmhouse with 4 bedrooms, 1 bath and oil hot water heat. Also general farm with 60 acres of tillable high soil, barn, 12x60 silo, tobacco shed, 40x100 equipment shed and 20,000 cage layer house. \$243,000. Call 464-4700.

PROVIDENCE TOWNSHIP
165 acre modern, Dairy farm with 2 1/2 story farmhouse, stream, woods, 2 year old heifer barn and many more extras. Call for details at 786-2131. Asking \$425,000.

VEAL AND HOG OPERATION
This Southern Lancaster County farm has unlimited possibilities. All buildings are in mint condition. 2 veal barns with environmental control, 4 year old pole barn, garage, shop, corn barn and modern hog operation with automatic feeders. Recently remodeled kitchen in 2 story frame house. 92 acres with 66 tillable. \$368,000. Call 786-2131.

Century 21 717-786-2131
717-464-4700
717-393-9700
717-299-2101
AMERICAN HERITAGE

FOR SALE BY THE U.S. GOVERNMENT: The Farmers Home Administration will sell through sealed bid, property located at 5 miles northwest of Avoca, New York, Steuben County, corners of Fairbrother Hill Road and Aucker Road, the following farm property 282 acres of land with approximately 151 acres of tillable and 50 acres of woodland, 1 concrete silo, 2 harvestore silos, dwelling, bunk feeder facility, machinery storage, heifer facility and old dairy barn. Property may be inspected by contacting the Farmers Home Administration county office at 3 Pulteney Square, Bath, New York 14810, telephone number (607) 776-9631. Additional information and bid forms may be obtained from the county office, also.

Sealed bids will be accepted until 4:00 PM on December 3, 1987, at which time bids will be opened.

Bid Deposits: All bids must be accompanied by a deposit of not less than 10% of the bid in the form of cashier's check, postal or bank money order or bank draft, payable to Farmers Home Administration. Preference is given to cash offers. Credit terms are available to qualified buyers as described in the information sheet available at the Farmers Home Administration office.

Successful purchasers will be required to implement the requirements of a conservation plan prepared by the Soil and Conservation Service to protect highly erodible land and/or wetlands. Preference is given to successful bids from family size farmers in accordance with FmHA regulations. The Government reserves the right to reject any and all bids. The property will be sold without regard to race, color, religion, sex, age, national origin, or marital status.

OWN A FARM

IN VIRGINIA

Flexible, Fertile, Working Farms In The Shenandoah Valley.

Hutchinson Farm - 266 acres. 241 acres tillable cropland and pasture. Excellent soils. 1756 log home, 2 br., 1 bath. Silo w/feeder, spring, stream, pond, well. Price \$360,000.

Clark Place - 220 acres. 200 acres tillable cropland and pasture. 150 head confinement lot with feed and manure storage. Farmhouse, 4 br., 1 bath. Excellent soils and water. High visibility for purebreds and specialty crops. Mountain views, cattle climate, full eastern exposure. Price: \$315,000.

Cloverdale Farm - SHOW PLACE ESTATE. 358 acres, 236 acres in open hayfields and pasture. Magnificent, restored 19th century brick manor house. Barn, stable, cattle scales, tenant house. Strong stream through boundary. Long country road frontage with white fencing. WILDLIFE. Color brochure. Price: \$725,000.

Roqueta - 250 acres. 210 acres in hayfields and pasture. Spectacular 5700 sq. ft. ridgetop rustic contemporary home. Superlative amenities. wood, stone, and Mexican tile. PRIVATE. Springs, stream, wells. Modern fencing and pens. Bank barn. Tenant house. Color Brochure. Price: \$550,000.

Dutch Hollow Farm - 166 acres, 15 acres woodland. Ten room brick manor, c. 1800, completely restored in 1970. Ten fireplaces. Stable, run-in sheds, office, bank barn. STREAM. Riding ring. Currently purebred sheep and riding/boarding operation. Price: \$390,000.

Holbrook Farm - 120 open, fenced acres. Main house five br., 2 baths. Pool. Guest house, 2 br., 2 baths. Bank barn, pole barn, machine shed. Excellent water. VIRGINIA HORSE CENTER, ten miles. Price: \$325,000.

Mynes Dairy Farm - 160 acres, 100 tillable. 56 acres fenced pasture. 3 br., 1 1/2 baths home with mountain views. Spring, stream, wells. Silos with auto feeder, large bank barn w/24 stanchion wing. Milking equipment. Long road frontage. Price: \$287,500.

Several larger farms and estates available with excellent water, improvements, and fine homes. For further details please call Dick Glenn, evenings and weekends, 703-377-6129 or 703-348-5656

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Ltd.
REALTORS
(804) 293-6131

HERITAGE
REALTY GROUP INC. MLS
1525 Science St., State College, PA 16801
814-231-0101

Contact: **DON C. MYERS**
Residence: (814) 422-8111

FARM & RURAL PROPERTY DIVISION



BLAIR COUNTY

#131 FA - GENERAL FARM - TYRONE AREA - \$277,500

* 245 Acres (171 tillable, 8 pasture, 66 woodland 7 site) Very productive tillable land
* Sound 2 1/2 story brick house, tenant house, 67'x122' steel 2-story bank barn, garage
* Small pond near house, some Juniata River frontage

CENTRE COUNTY

#132 FA - LIMITED ACREAGE DAIRY OR FARMETTE - ZION AREA - \$94,500

* 43.7 Acres (17 tillable; balance pasture & light woods)
* 2 1/2 story stone and frame house, like new 36'x172' 1-story 60 tie stall dairy barn, milk house and equipment, 20'x72' Star sealed silo and 20'x70' concrete stove silo
* Additional land available Price substantially below replacement cost

HUNTINGDON COUNTY

#198 FA - NEW LISTING - GENERAL FARM - MOORSEVILLE AREA - \$169,500

* Approx. 166 Acres (125 tillable, 24 pasture, 13 woods, 2 site & roads), good productivity.
* 2 1/2 story brick farmhouse, 1 1/2 story 35'x35' barn for livestock and hogs, 1 story 35'x60' Quonset building with 1/2 acre
* Nice laying farm, substantial road frontage, year round stream

#253 FA - NEW LISTING - FARMETTE - WARRIORS MARK AREA - \$59,500

* Approx. 24 Acres pasture and light woodland
* Two story frame house, sound bank barn
* Substantial road frontage and stream frontage. Well suited for horses, cattle and sheep.

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - \$99,500

* 55+ Acres (45.6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#171 FA - RIVER BOTTOM LAND - MUNCY AREA - \$250,000

* 98 Acres (71 tillable, 22 woodland, site and roads)
* Excellent 2 story stone and frame house; sound bank barn with 25 stanchions, bunk feeder, 26'x86' implement shed/shop combination, 3,500 bu. steel grain bin.
* Highly productive, class I soil, substantial Susquehanna river frontage, irrigation potential
* **#135 FA - LIVESTOCK & HOG FARM (Convertible to Dairy) - LAIRDSVILLE AREA - \$325,000**
* 270 Acres (165 tillable; 30 pasture; 75 woodland and site) tillable land is relatively level and productive
* Sound, aluminum sided 2 1/2 story home, large bank barn with 60'x120' - 1 story attachment, 20'x60' Harvestore silo
* Substantial road frontage and stream frontage. Approximately 25 miles east of Williamsport

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS ABOVE. THEY MAY BE VIEWED ON VIDEO TAPE AT OUR STATE COLLEGE OFFICE (Many land parcels and cabins available - FREE LISTS)

WIMPLE ASSOCIATES CENTRAL NEW YORK

PRIME LARGE DAIRY OPERATION: 413 level acres in large fields; some of Herkimer County's best Honeoye soils. Excellent 91 tie stall barn with pipeline, 1000 gallon tank and 4 large silos including a 24x70. 60 stall heifer barn. Three homes including a beautiful 3 story Victorian with back-to-back fireplaces and stain-glass windows. \$330,000 or \$290,000 with 2 homes. CALL WIMPLE ASSOCIATES SLOANSVILLE OFFICE: 518-875-6355.

FINGER LAKES REGION

HOT NEW LISTING: 146 acres of nice-working land; nearly all open and tilled and ditched where necessary. Attractive home circa 1883 has original woodwork with hand grained doors, 2 fireplaces, beautiful views. Barn is also in good shape; has 48 stalls with 2 box stalls, 20x50 and 14x45 concrete silos, grainery, corn crib. JUST LISTED! \$128,500 with owner terms. for appt. eve. call 607-792-3310 or WIMPLE'S SLOANSVILLE OFFICE.

SOUTHERN NEW YORK

"PANCAKE-LOVER'S FARM"... a complete commercial maple syrup operation including evaporators, tubing and storage tanks come with this 173 acre farm with 75 acres of woods. TWO fine homes come with the farm; both 4 bedrooms, one used for income. Nice hip roof barn. Lots of other farm tools included for \$89,000 for appt. call 607-792-3355 or...

MORT WIMPLE ASSOCIATES,
SLOANSVILLE, N.Y. 518-875-6355
FREE DAIRY OR SMALL FARM CATALOGUES.

FOR SALE

600 Acre Dairy Farm on main highway, dairy barn 40'x150', 66 stanchions, stainless steel pipeline, Virginia-style heifer barn 35'x100', 3 bank barns, 3 cement stave silos, one bunk silo, 2 machine storage sheds 40'x80' and 60'x140', 3 houses, one modern brick ranch style (4 bedroom) Grain storage bin, pond, all machinery in top shape. 150 head of cattle. Will sell with or without cattle & machinery.

Inquire

Lancaster Farming
P.O. Box 366, R-118
Lititz, PA 17543

Best Priced Complete Dairy

Retiring owner offers great farm. 155 acres, mostly tillable. Good 50 stall barn, cleaner, 16x40 silo with unloader plus bunker. Excellent 3 bedroom modular home with fireplace. Includes cattle and equipment for \$165,000.

Super Soil Area

Over 230 acres, 160 tillable. 4 bedroom Colonial home. Good 60 stanchion, pipeline barn, 3 silos. 70 head Holsteins and full lineup of machinery. \$225,000 with terms.

* Over 200 Farms Available

* Call For Free Catalog

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FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

157 acres w/140 tillable in Chambersburg area. Price reduced for quick sale.

Van Cleve
Real Estate

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Phone 717-392-3032

DELAWARE FARMS

197.92 acres. 61.7 acres tillable, West of Felton. \$125,000.

189 acres, 70 tillable, nice home & barn. \$189,000.

90 acres, all woodland, Western Kent Co., \$600 an acre.

77.5 acres, 50 tillable, no improvements. \$95,000.

53.5 acres, 34.5 tillable, woods & pond area, no improvements, near Smyrna. \$100,000.

27 acres, brick rancher, office & storage buildings, grain storage & milling equipment & building lots, West of Indian River Bay area. \$175,000

D/E

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Dover, Delaware
302-674-5544

"REALTY CENTER" FARMS

250 ACRE FARM, 90 tillable acres, limestone soil, house, large barn & stream! Great livestock farm! Located in Huntingdon and Blair Counties. Cash or terms! \$125,000
117 ACRE FARM in Bedford County! Level land, streams, house and barn. Terms! \$105,000.

LAND

2.84 WOODED ACRES in Bedford County! Ideal for home, mobile home or camp site! \$10,900.

2 WOODED ACRES near Lake Raystown in Huntingdon County! \$11,000.

15 WOODED ACRES in Bedford County! State Road frontage! Just reduced to \$13,900.

50 WOODED ACRES in Huntingdon County! Great hunting! \$700 per acre. Terms!

BUSINESS OPPORTUNITIES
TAVERNS with APARTMENTS located in Blair, Clearfield & Somerset Counties! Priced from \$59,000.

RURAL HOMES

MODULAR RANCH STYLE home, 1.16 acres, large 2 car garage, Cambria County. Reduced below market at \$21,900

BRICK HOME on 2.55 acres, Morrisons Cove area of Blair County! \$29,900.

MODERN CONTEMPORARY STYLE HOME, huge decorated rooms, Jennair kitchen, oak floors and quality throughout! Over 3 wooded acres! Deluxe inground pool! Secluded & private! \$99,500.

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REALTY CENTER

Daniel K. Knode, Realtor
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ATTENTION HUNTERS!

STOP AT ONE OF OUR OFFICES FOR FREE LISTS

CAMP on 4+ wooded acres 2 BR mobile w/addition in excellent condition, deck, woodstove & good hunting area \$17,000 (W294)

SMALL CAMP sleeps 6. Mobile w/addition. Dixie Run Creek borders & State Land within walking distance. \$11,500. (W293)

CAMP atop RATTLER MTN. on 8.7 wooded acres near State Lands. Sleeps 14 & includes all furnishings \$24,900. (W289)

WELL FURNISHED CAMP sleeps 6, Potter Co., great hunting. \$10,000. (M184)

HUNTING CAMP on 5 acres, 2 BR, well/septic, near State Land \$17,000 (W239)

16-ACRES IN PRIME HUNTING TERRITORY. Mostly wooded, \$14,600. (W298)

ERA-Homestead Realty
23 E. Avenue
Wellsboro, PA 16901
717/724-7161

HUNTING CAMP on 1.6 acres, furnished, utilities, wooded setting. Sleeps 8, \$17,000. (M169)

CAMP on 7 wooded acres near State Lands. 3 or 4 BR with separate new garage + 2 storage bldgs. \$36,900. (M190)

CAMP FOR HUNTERS. Old farmhouse near State Land \$13,900. (M185)

HUNTING CAMP with 3 BR's near State Game Lands & Lake. \$15,500. (M127)

SECLUDED LOG CABIN with 3-4 bedrooms, 1 1/2 baths. Heat with wood, gas, or electricity. Good hunting nearby. \$33,500. (M192)

ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

HUNTING CAMP 2 BR mobile on 1.43 acres in the heart of deer country \$17,500. (D550)

35+ ACRES in excellent hunting area. Ideal location for cabin. \$20,000. (D554)

10 ACRES with small stream, survey & plenty of road frontage. Mostly wooded \$8,500. (D543)

EXCELLENT HUNTING LAND in NY State 36+ acres in good hunting area. Owner financing available. \$15,000 (D555)

SMALL CABIN LIKE HOME out of town, 3 BR, garage, on paved highway. Ideal for hunting cabin or starter home AFFORDABLE \$15,000. (D556)

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168 W. Main Street
Westfield, PA 16950
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HOMESTEAD
REALTY



9 Cone Street
Wellsboro, PA 16901
717-724-3500

SALE OF FARM BY UNITED STATES GOVERNMENT. Farm containing 146 acres (more or less), ±28 acres of Monongahela and Tyler soils cropland, ±37 acres of Hagerstown soils cropland, ±15 acres of pasture, and ±66 acres of woodland with no marketable timber. Buildings include a 44'x76' loose housing bank barn, a 16'x70' concrete stave silo, a 4'x80' wooded corn crib, and 28'x45' stone and wood siding dwelling. Formerly owned by Jacob and Jacqueline Showalter, located in Spruce Creek Township, Huntingdon County, PA.

BID DEPOSIT: Bid must be accompanied by cashier's check, certified check, postal money order, bank money order or bank draft, payable to Farmers Home Administration (FmHA) for at least ten percent (10%) of the total bid. Preference will be given to a cash offer.

RATES AND TERMS: Cash or terms of not less than ten percent (10%) down payment with the remaining balance amortized over a period not to exceed 25 years; or a period for which the property will serve as adequate security, whichever is less. The interest rate will be determined at the time of approval of the credit requested based upon Farmer Program ineligible interest rate published in FmHA instruction. The current rate is 11.00% however, this is subject to change prior to approval.

TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, 902 Pennsylvania Ave., Huntingdon, PA 16652 for appointment to inspect the farm. Sealed bids are invited and will be accepted until **December 17, 1987 at 10:00 a.m.** at the Farmers Home Administration, 902 Pennsylvania Avenue, Huntingdon, PA and will be opened at **11:00 a.m.** EDST the same date and place. The Government reserves the right to reject any or all bids. This farm will be sold without regard to race, color, sex, religion, age, national origin, or marital status. This property is being sold subject to the Environmental Regulations of the USDA. This farm property contains highly erodible land. Purchaser must comply with a conservation plan developed by the Soil Conservation Service. FmHA responsibilities under the National Historic Preservation Act of 1966 (as amended 1980) require consideration of historic and archaeological resources. In consultation with the State Historic Preservation Office (SHPO), it has been determined that there is a high probability that significant archeological sites are located on this farm property. Any future plans for land use change (including construction activity) will need to be reviewed by SHPO as required by regulations of the Advisory Council on Historic Preservation under 36 CFR part 800. The Pennsylvania SHPO may be contacted by writing the Pennsylvania Historical and Museum Commission, Bureau for Historic Preservation, P.O. Box 1026, Harrisburg, PA 17108-1026 or calling (717) 783-8946.

Further information and bid forms may be obtained at the Farmers Home Administration, 902 Pennsylvania Avenue, Huntingdon, PA 16652. Telephone Number (814) 643-6720.

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We're Almost Sold Out
We drastically need listings. We have many buyers for farms in Snyder, Union and Lanc. Counties.

We Are The Farm Professionals

SOLD THIS WEEK

Lebanon Co., 52 Acre Dairy, \$130,000.
Columbia Co., 123 Acre Dairy, \$150,000.
York Co., 212 Acre Dairy, \$380,000.
Above 3 farms were sold by Sandy Leaman.

Union Co.

139 A with limestone soil in a high state of cultivation. There are 52 stanchions, 2-20x60 silos with bunk feeder and 14x52 silo, bulk milk tank, corn barn and implement shed. There is a large, modern 5 bedroom brick farmhouse and much more. Call Fred Clark for all the details and the terms of the owner financing. 717-523-7201

Beef farm in Kelly Twp. with 95 total acres, 16x50 silo, 50x75 barn and 20x60 attached addition, 1 Ac pond, log and frame home. This farm is ideally located and the land lays very level to gentle slope. Call Fred Clark at 717-523-7201

Montour Co.

Large barn, farmhouse and many other facilities make this Amish farm priced at \$125,000 a real buy. The buildings couldn't be replaced for the asking price and there are 64 acres included, silo and land to rent in the area. This farm could easily have the electricity restored. Call Pete Zeisloft at 717-437-2305

Somerset Co.

27 Ac orchard with 20x28 cold storage and 50x50 barn. There are 700 apple, 80 pear and plum trees and a modern frame, 2 story, 3 bedroom house. There is a pond and you can get all the details by calling Ernest Holsopple at 814-479-7682

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Richard B. Crawford- 717-734-3673- Juniata, Perry and Franklin Counties.
Wayne & Barbara LaMont- 717-297-2619- Bradford, Tioga and Sullivan Counties.
Sandy Leaman- 717-569-4264- Lancaster County and Any Other County.
Dan Messner- 215-942-4004- Berks, Chester and Montgomery Counties.
Ken Young- 717-426-1098- Lancaster and Dauphin Counties.
Paul "Pete" Zeisloft- 717-437-2305- Columbia and Northumberland Counties.

FOR SALE

Rural six room, one and a half story, vinyl siding home with bath, and furnace on 30 acres (8 cleared 22 timber mostly oak). Has: pond, good garden, stream through property, carport (15x30) workshop combination, cave (12x15) workshop combination. Located two miles from Saktillo in Huntingdon County, 5 minutes to State Game Lands, 15 minutes to Lake Raystown.

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CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Department currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the Oct. 31 or Nov. 28 Issues for a complete farm and farmette inventory.
FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Scott Yocum (814) 466-3150
Terry Gingham (814) 364-1169

Mel Rockey (814) 466-6688
(Huntingdon) Rachel Port
(814) 669-4184
(Bedford) Richard D. Reed
(814) 639-4271

Frederick J. Kissinger, CRB, Broker
John G. Heckendorn, CCIM, Broker
Ralph F. Brower, CRB, Broker
Jerry Bruce, CRB, Broker
William H. Leonard, Broker-Consultant
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

KISSINGER LEONARD & BROWER

SALE OF FARM BY

LEBANON COUNTY GOVERNMENT

Situated in South Annville Township, Northside of Bricker Lane at Beck Creek and North Cornwall Township line.

REAL ESTATE

PARCEL #1: Approximately 105 acres, 75 tillable, 2 story frame farm house - 24'x34'; 1 story stone barn - 40'x50' w/1 story frame wing - 26'x50'; 1 story concrete block milk house - 12'x18'; stone driveway leading from Bricker Lane; Beck Creek flows north across eastern quarter of parcel. Existing North Cornwall Township sanitary sewer line located at southeast corner of farm, east of Beck Creek

PARCEL #2: Vacant lot of approximately 4 acres adjacent to parcel #1 on southside of Bricker Lane. Subdivision has been approved and contains provisions for construction of single family dwelling and a storm water management facility. Lot has also been tested and approved for on lot sewage disposal

Above parcels are being offered as individual and as a whole

SEALED BIDS will be received by the Lebanon County Controller's Office, Room 311 of the Municipal Building, 400 South Eighth Street, Lebanon, PA 17042 until 4 30 p.m. on Wednesday, December 16, 1987

BID DEPOSIT: All bids must include a bid deposit of at least 10% of the total bid. The bid deposit can be a certified check, cashier's check, postal money order, bank money order, or bank draft, payable to the County of Lebanon. In the event of default by the successful bidder, the bid deposit will be forfeited as liquidated damages

PRE-BID PUBLIC INSPECTION: The property will be open to public inspection on Friday, November 27, 1987 at 10 00 a.m. County personnel will be present to answer any questions from prospective bidders relative to the property. For further information and required bid forms, please contact the Lebanon County Commissioners' Office, Room 207 of the Municipal Building, 400 South 8th Street, Lebanon, PA 17042. Phone number is 717-274-2801 ext 202

ACCEPTANCE/REJECTION OF BIDS: The Board of County Commissioners reserve the right to reject any or all bids, and to award the bid in the best interest of Lebanon County

WANT TO RENT - FARM LAND IMMEDIATE CASH

Wanted - farm crop land, Suburban Lancaster, 40 or more acres of prime tillable acreage, level and reasonably free of stones. Will pay premium cash rent per acre - 3 year minimum lease required.

Call between 8-5 pm
717-898-5000 ask for Bob or Ben



new pennsylvania realty, inc.

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BERKS COUNTY DAIRY

68 Acres (M/L) Modern Dairy w/45 stall barn with mats and much more. Home is completely remodeled. Very pretty setting at the foot of the Blue Mountains!

CALL CARL JOHNSON 215-367-6160

So. Northumberland Co. & Surrounding Counties

5 Acre Farmette, remodeled 3BR Home, large 50'x70' barn set up for steers or used for horses, large machine shed, \$79,000. No Down. Call Peter

46 acres, 2 homes plus summer trailer, 20x30 and 40x18 garages or barns, 21 acres cleared land, 25 wooded, excellent view, private, \$52,000. Call Peter.

A beautiful 188 acre dairy farm, brand new L shaped 110 stanchion dairy barn built in 1983. Totally equipped w/ Jamesway equipment (new in 1983). 2 silos, 1 large trench silo, 1 Harvestore, mostly Bettington soils. 1 grain storage bin, 110x50 loafing building, 6 BR Brick home, plus 2 homes for tenants. \$499,000. Call Bob.

150 Acre beef farm, 2 homes, 125 tillable, 200 steer feedlot, 20'x 50' and 20'x 70' Harvestores, 8,000 bu. corn storage, large corn crib, 125' machine shed, \$219,000. Call Peter.

173 acre Christmas tree farm, 55,000, 1-5 yrs. old, well maintained. 80 acres still open to plant. No house \$2,000 per acre. No down. Call Peter

103 acre farm, 90 tillable, large farmhouse, large barn, with beef, road frontage. Good producing farm. \$220,000 Call Bob.

50 wooded acres, excellent deer hunting, \$500 per acre. Call Bob

Dauphin Co.

R D. Halifax, 64 acres, 62 tillable, excellent 9 room home, well kept barns, over 4,000' frontage of level fields, \$210,000 Call Bob.

Elyburg

120 acres, over 5000 feet road frontage, stream, no house \$169,000. Also 27 acres, surveyed for 45 lots, city water and sewage. Call Peter

Columbia Co.

400 acres, vegetable & beef farm, large long fields, 221 tillable, large amount of reasonable land to rent, exceptional stone home, several barns - one new, 8,000 bu potato storage, large underground fuel tanks, 5 large irrigation ponds. 15 miles from Interstate 80 & 81. Borders a mountain \$449,000 Call Peter.

Luzerne Co.

120 acres. Large farmhouse, no outbuildings. Ground is good for growing tomatoes. \$160,000. Call Bob

PETER B. CORTELYOU

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc., 717-648-6217



LEHIGH COUNTY

• 100 Acre dairy farm, 80 tillable, features 90 cow free stall barn w/freshening area and bulk feeder, 36 stall milking barn w/pipeline milker, bulk tank, barn cleaner. Lovely 2 1/2 story home, large kitchen, DR, LR, laundry, 5 BR, 2 baths, full attic & basement. (2) 20x60 Harvestore silos. 20x80 concrete w/unloader. Stream & pasture, level land, \$385,000

SCHUYLKILL COUNTY

• 234 acre woodland tract joins state gamelands borders Rt 81 & secondary road. Pine Grove area, good hunting area, call for details, \$175,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056

Ph: 215-679-5919

TIoga COUNTY

• 800 Acre Dairy Farm 400 T. 2 very good, lovely homes 83 stall dairy barn. Steel pipe line, 1000 gal tank and barn cleaner. (2) 16x60 and (1) 14x40 silos with unloaders. Large heifer barn \$365,000. Full line of machinery and cattle available

• 122 Acre, 100 T dairy farm, 47 tie stalls with 24 free stalls, 800 gallon tank, barn cleaner, pipeline milker, 20x60 concrete silo with unloader, good house with kitchen, dining room 2 living rooms, 3 bedrooms and bath \$110,000

• 126 Acre farm, 70 T, 45 pasture, balance wood land. Land only. Near above farm \$65,000

• 1,050 Acre Dairy & Steer Farm, 500 T, balance good timberland & pasture with 3 nice homes, a 4BR ranch home, a 2-story Colonial and a 3BR farmhouse. Also, 3 barns including a 200 cow free stall barn with computerized milking system, 300 gal tank, double 6 parlor, 3 concrete silos & a Harvestore silo, conveyor feed system, repair shop, 2 grain storage bins, manure system, much more, \$650,000

• 111 Acre dairy farm, 40 stall barn, 600 gal. bulk tank, barn cleaner, large machinery & heifer shed, 18x55 and 14x40 silos with unloaders, lovely home with kitchen, living room, family room, 3 bedrooms, bath & garage, \$125,000

POTter COUNTY

• 116 Acre, hunting ground 30 acres open, balance wooded, borders 2 roads & river. Possible Owner financing \$50,000.

BRADford COUNTY

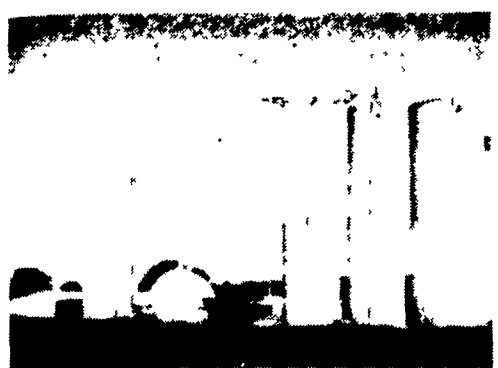
• 5 acre Dairy Farm. Modern 74 stall dairy barn. Bulk tank steel pipe line, barn cleaner, 20x32 Harvestore silo and 20x60 concrete silo. Manure storage. Modern Ranch home with 4BR's, Kit, DR, LR, Bath and Den \$145,000. Also second house available

• 500 Acre Dairy Farm, 450 tillable, features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor, two 1,000 gal bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR, FR, office, den, laundry & bath. 2nd home 3 BRS & bath. Spring fed pond & much more. Call for details, \$650,000. Cattle & machinery available

• 188 Acre, 130 T. Dairy farm with large double 13 room house, 3 car garage, 86 stall barn, 1,000 gal tank pipeline milker, barn cleaner, large machinery shed, \$165,000. Cattle & machinery available under separate contract

BERKS CO.

• 70 Acre farm features 50,000 bird automated high rise laying house with packing room, large steer barn, corn cribs, lovely 2 1/2 story stone home with kitchen, dining room, living room, family room, and 4 bedrooms, 2 baths \$550,000



PENNA FARMS FRANKLIN CO.

NEW LISTINGS

3 contiguous farms - Hagerstown & Duffield Limestone soil

Farm "A" 85 Ac. modern dairy complex, double six parlor w/12 automatic take-off DeLaval units, in place washing, 12 weigh jars, 2000 gal. Mueller tank, 140 free stalls, manure pit, bank barn, 5 silos w/unloaders, metal shop 24x50, imp shed, 3 bdrm. frame dwelling w/attached familyroom & 2 car garage.

Farm "B" 98 Ac. - 4 bdrm log, brick & alum dwelling w/family rm, wagon shed, poultry bldg & 3 bay garage

Farm "C" 74 ac bank barn, w/lounge area 45x64 block bldg, w/lounge area & feed trough, 2-4 room apartment farm house

Farm "A" sells w/choice of Farm "B" or Farm "C" or all 3 farms. Call for more information

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George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS

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Nice dairy farm, North of Lancaster Co. line, new dairy barn, remodeled house, level land, several springs. Priced Reasonable.

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120 Tillable Acres Of Beautiful Rolling Hills Near Mt. Joy, For Sale.

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BEDFORD CO. OPPORTUNITY



101 Freestall

400 acres of Hagerstown soil (375 T.A.); 100 free stalls in round roof barn + second bank barn; Double Six milking parlor; 5 silos, blue 20x42, concrete 20x65 - 20x60 - 14x40 - 12x30; Manure lagoon & large farm pond w/stream in meadow; fields 1.8 mile long; 6-BR frame house in good condition, 2 baths; large insulated metal workshop. Possession A.S.A.P.

N.W. BERKS CO.

64 ACRES

62 Tillable acres, very nice 5 BR frame house with new heating system, bank barn, large potato barn, lots of road frontage.

BEDFORD CO. OPPORTUNITY



124 ac. of Hagerstown soil, 96 T.A.; 60 free stalls, milking 100 cows, eight auto take offs; 2 silos, Blue 20x40 & 16x45 concrete; 2 story brick dwelling, 4 B.R., one bath, nice kitchen, Possession negotiable.

Bedford Co., PA
One Owner Total of 840 Acres



175 Ac. (140 T.A.) high state of cultivation-large bank barn & beef addition w/bunk. Two large equip. sheds, 18x70 & 14x50 silos & detached 3 car garage. 80,000 bushel grain storage w/2-500 bushel dryers & 90' leg & truck scale. Beautiful 5 BR house w/2 1/2 baths & modern kit.



340 AC. (320 T.A.) nice level land & first class corn, 4 BR frame house & large bank barn (beef or heifers) also 80x120 one story barn in field would make good free-stall barn. 18x70 & 12x60 silos.

326 (m/l) (290 T.A.) Huge 50x140 arch rafter barn, 2 frame houses, 3 BR ea. w/ modern kitchen & bath.

Young Christian family with established holstein herd, wants to rent house and dairy facilities for 40 to 60 head, some pasture preferred (crop land optional). Must be in or near Lanc. County. Send details & replies to

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110 ACRE FARM
Price negotiable.
Presently farmed, 75% tillable. Large home, lots of buildings. Springs, stream, owner wants less acreage. Possession 30 days.

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Poultry and hog farm, Gettysburg area. Two story 40x350 operating poultry house. Will support hogs. Two homes, barns and other buildings. Owner retiring.

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378 Acres	Lickkill Soils
Beef & Hog Farming	7 Silos
450 Hog Finishing Pen	Grain Bins
350 Steer Pen	Nice Dwelling
250 Steer Pen	Equipment Shed
Truck Farming	

\$495,000

3 FARMS-SCHUYLKILL COUNTY-ADJOINING

260 Acres	Lickkill Soils
Beef & Hog Farm	2 Silos
350 Drive-Thru Beef	6 Acres of Fruit Trees
Finishing	8 Strand High Tencil Fence
350 Hog Finishing House	Complete Farm

\$495,000

2 FARMS-LEBANON COUNTY-ADJOINING

265 Acres	Lickkill Soils
Dairy Farm	105 Free Stall
3 Silos	2 Houses

\$860,000

2 FARMS-BERKS COUNTY-ADJOINING

330 Acres	Berks Soils
Dairy Set-Up	52 Tie Stalls
Heifer Barn	2 Dwellings
Stream For Irrigation	
Ideal Location For Truck Farming And Fruit Stand	

\$695,000

BERKS COUNTY

120 Acres	Land Only
3 Fields	Lots of Road Frontage

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50 Acres	Land & Barn
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\$95,000

Both Can Be Purchased For \$300,000

BERKS COUNTY

54 Acres	Land Only
Located Along The Tulpehocken Creek	

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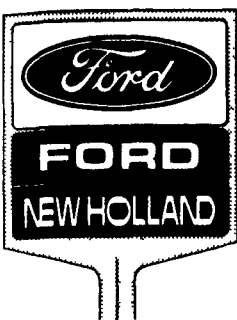
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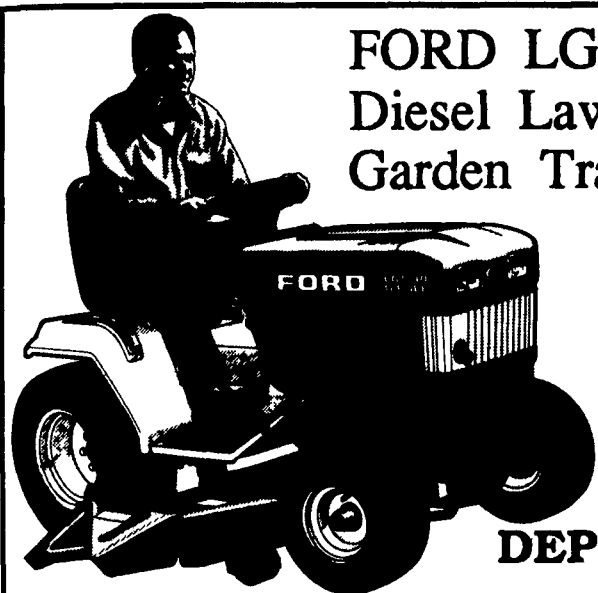
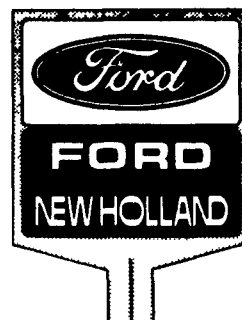
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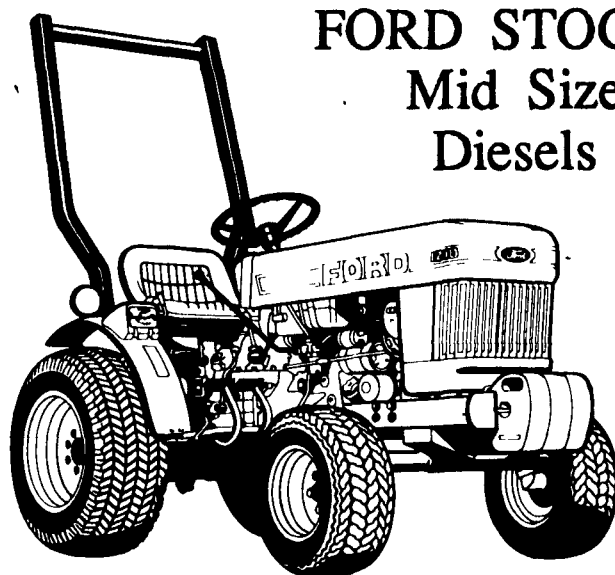
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5 Model 1210 16 HP 4WD	3 Model 1710 26 HP 4WD
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For Anyone As Much As
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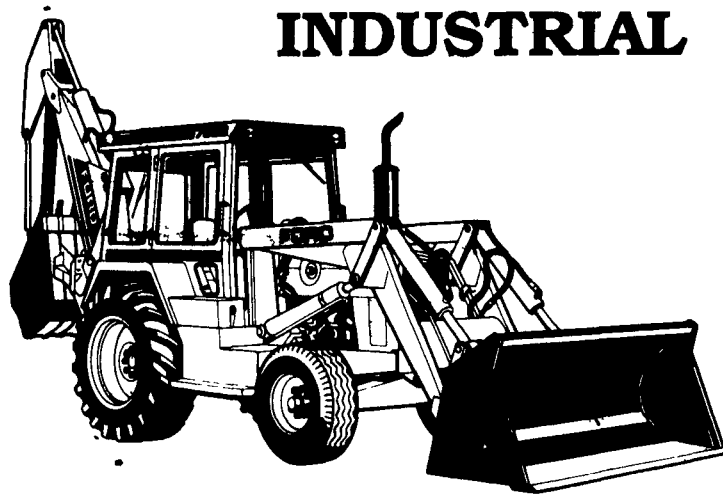
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SAVE \$20,800

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1-340B Tractor Loader
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PROGRAMS END NOV. 30, 1987

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New York Farmers Head For Big Apple

Farmers will be heading for the "big city" Thursday, November 19 to mingle with city folk at a Thanksgiving Harvest Food Festival at the New-York Historical Society, 100 Central Park West, New York City.

It will be an evening where the sophistication and style of metropolis graciously combine with New York country charm, said Dick Arnold, chairman of the New York State Farm-City Council which is sponsoring the event in cooperation with the Historical Society.

Festival-goers can sample numerous meat, poultry, vegetable and dairy dishes, said Arnold. The event will feature the wines and juices of four New York vineyards and favorite recipes of chefs from ten New York City restaurants, all served by students from two major gourmet schools.

This is the third year that the Farm-City Council has sponsored a food-type reception in New York City to kick-off National Farm-City Week, which runs November 20 to 26. "It is designed to recognize the interdependence in farm and city relationships," Arnold said, adding that there was no better place to prove that point than in the heart of one of the most metropolitan cities in the world.

The Festival itself is an example

of that interrelationship, said Arnold. A number of agricultural companies and commodity groups are helping to underwrite the cost; and the New York State Department of Agriculture and Markets helped with the plans, along with a long list of volunteers from both metropolitan and country settings.

Entertainment for the event will be provided by Robin Schade, New York State's traveling troubadour who will perform many of his original songs about New York.

Brief remarks will be given by Donald Butcher, NYS Commissioner of Agriculture and Markets. James Mooney, the Historical Society's librarian, will welcome the visitors. Also on hand will be New Jersey's Dairy Princess, Amy Straway and New York's Alternate Dairy Princess, Lorna Librock.

"We expect that between 250 and 300 people representing both upstate farmers and consumers from the city will be in attendance," said Arnold, adding that anyone interested in attending or in getting further details can call him at Agway headquarters in Syracuse at (315) 477-6201.

The Food Festival will be held from 6 to 8 p.m. in the Audobon Hall of the New-York Historical Society, one of the oldest in the USA.

Barrow Elected

National Grange Master

SYRACUSE, NY — Robert E. Barrow, Swansea, MA, was elected Master of the National Grange today during its annual convention being held November 9-15. Barrow, 57, succeeds Edward Andersen, Waterloo, NE, who retired after serving four two-year terms. National Overseer (vice-president) Kermit Richardson, Barre, VT, was re-elected. Mary R. Buffington, Chadds Ford, PA, was elected National Lecturer (program director).

Other newly elected officers included John Valentine, Portland, IN, Treasurer; Glen Deweese,

Meridian, ID, Gatekeeper; Ruth Lampman, San Antonio, TX, Pomona; Helen Routier, Grinnell, IA, Flora; Roland Winter, Haslett, MI, Executive Committee member.

Other re-elected officers were John Maple, Lawrenceville, NJ, Steward; David Austin, Sacramento, CA, Assistant Steward; Dorothy King, Knoxville, TN, Lady Assistant Steward; Bert Morse, Cortland, NY, Chaplain; Joanne Passmore, Townsend, DE, Secretary; Virginia Henderson, Emden, MO, Ceres.

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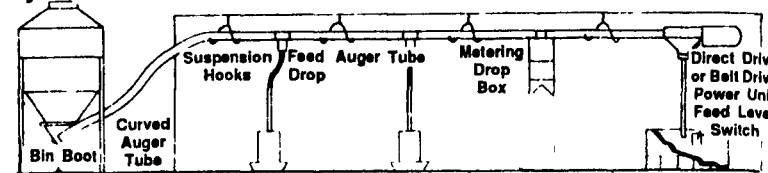


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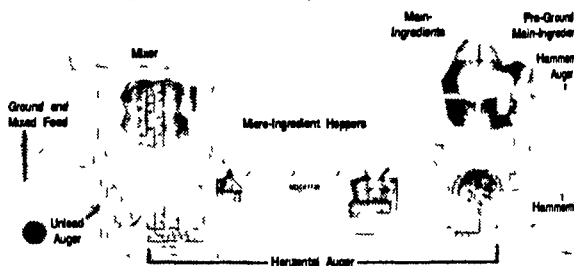


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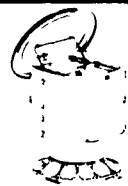


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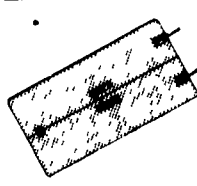
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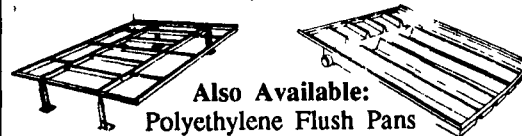


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Monthly Report

September 1987

Name	Brd.	No. Cows	% Days In Milk	Lbs. Milk	Fat
Mark S Yoder	H	101.3	89.8	20,588	782
Charles L Forgy	H	60.4	89.7	20,761	777
John Saloma Byler	H	41.2	87.1	21,053	757
Paul J Zook	H	53.1	87.9	20,958	753
Vernon L Kauffman	H	43.4	85.0	20,244	749
Robert Stayrock	H	32.2	90.2	20,019	742
Lowell J Peachey	H	58.4	89.0	20,411	739
John B Peachey	H	76.1	89.2	18,555	727
John K Kauffman	H	81.0	88.0	20,372	724
R Glenn Yoder	H	80.0	86.6	18,822	723
Jesse L Spicher	H	37.3	88.2	19,098	718
Joshua D Yoder	H	52.4	88.8	19,479	717
David T Hostetler	H	39.6	89.4	18,975	716
G Shelton Peachey	H	51.4	89.0	19,984	714
John L King	H	46.3	88.2	19,064	714
Vern-Lee Holsteins	H	50.6	89.6	19,226	707
Sylvanus S Peachey	H	97.1	89.2	19,690	703
James G Laughlin	H	43.0	90.2	18,291	703
J Irvin Zook	H	40.7	88.8	19,255	701
David R Spicher	H	81.4	90.9	18,652	701
Marvin R Kanagy	H	42.2	86.4	19,085	693
Kore E Yoder	H	63.0	87.9	18,217	692
Paul H Yoder	H	60.2	88.7	18,635	691
Kore J Peachey	H	58.9	88.0	19,001	685
Bill & Karol Wingert	H	78.3	85.6	18,889	680
Bradstead Farm	H	36.6	89.4	17,622	679
Elwood R Byler	H	31.5	87.1	17,214	677

Keith Leinweaver	H	43.1	90.5	19,071	676
Joseph E Kurtz Jr	H	41.4	85.4	18,367	676
James H Allison	H	36.6	85.6	21,809	675
Leroy & Rod Kauffman	H	60.1	89.1	19,087	674
Louis S Peachey Jr	H	58.7	84.5	17,984	674
Mark S Hostetler	H	42.1	85.4	18,326	673
E Clair Fisher	H	31.7	90.0	17,734	672
David W Yoder	H	87.6	87.2	19,823	670
Frank J Hartzler	H	56.8	88.6	19,663	669
James L Hostetler	H	43.7	91.3	17,264	668
L J Dunmire Sons	H	101.4	85.9	18,765	666
Aquilla I Yoder	H	77.4	92.0	18,122	664
David C Yoder	H	56.6	83.4	18,871	662
Darren L Peachey	H	50.6	85.4	18,586	662
Robert L Kauffman	H	30.4	88.3	19,026	661
J Loren Yoder	H	48.6	90.4	17,733	661
Enos J Kurtz	H	35.8	87.8	17,686	659
Jay E Graybill	H	46.6	85.8	18,043	655
Byler Brothers	H	86.5	84.5	17,516	655

Paul J Zook					
Jona	H	9-4	26,316	879	
Carrie	H	8-2	21,499	938	
R Glenn Yoder					
Blossom	H	9-3	21,864	906	
Misty	H	6-1	24,372	876	
Bonnie	H	5-1	22,517	1021	
Kore J Peachey					
May	H	3-2	23,751	922	
James H Allison					
Queen	H	4-4	25,164	887	
Brooke	H	3-11	25,091	878	
L J Dunmire Sons					
#517	H	5-8	24,037	871	
Mark S Yoder					
#567	H	6-0	25,410	968	
#637	H	4-1	25,422	880	
John B Peachey					
#21	H	7-7	25,037	896	
#27	H	3-6	26,928	852	
Louis S Peachey Jr					
#90	H	7-10	24,623	877	
#33	H	3-4	22,916	913	

Lancaster Farming, Saturday, November 21, 1987-C3

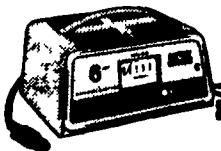
Dry House Farm					
#556	H	5-5	19,419	857	
#580	H	4-11	21,149	940	
Charles L Forgy					
#52	H	9-4	24,294	962	
#38	H	6-3	23,977	961	
#72	H	4-11	26,106	1040	
Vernon L Kauffman					
Lois	H	6-7	26,488	1082	
Dana	H	5-4	26,787	949	
Flora	H	7-7	23,255	985	
Robert Stayrock					
#9	H	7-9	22,835	865	
David W Yoder					
#84	H	5-3	21,032	958	
Paul H Yoder					
Enid	H	4-2	24,585	904	
Marvin R Kanagy					
Jan	H	5-2	23,637	871	
David J Peachey					
Lee	H	6-0	21,887	883	
Vaunholm Farm					
#162	H	5-11	24,018	900	
Elwood R Byler					
Apollo	H	5-7	20,744	891	
Byler Brothers					
#130	H	4-9	24,221	869	
Jeff Ranck					
#10	H	4-11	23,045	862	
Kenneth M Yoder					
Amelia	H	8-1	21,328	859	
John Saloma Byler					
Jean	H	0-0	27,676	880	
Jay E Graybill					
#139	H	5-2	26,395	1020	
David J Ruth Peachey					
#85	H	6-10	25,896	1038	
Darren L Peachey					
Fran	H	7-1	22,992	867	
Harvey L Yoder					
Sherri	H	8-0	23,527	853	

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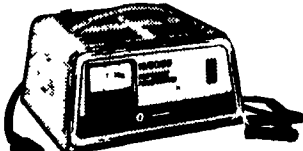
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36⁹⁹

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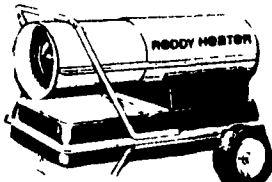
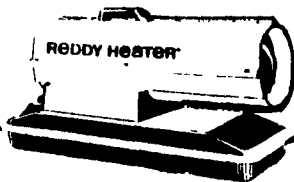
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16284 084
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23985-260
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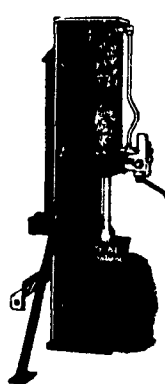
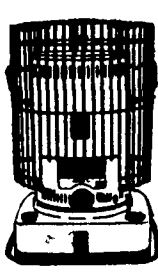


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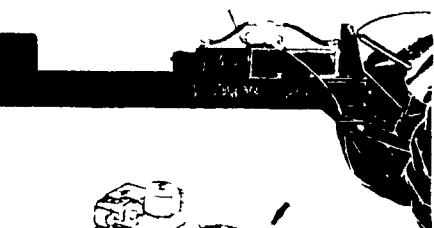
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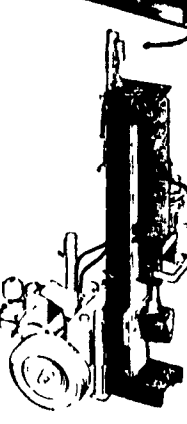
Reg 174.99 / SAVE 15.00
12987 279
3 Pt. Hitch Log Splitter
• Use with a 3, 3 1/2 or 4 cylinder depending on tractor PSI (Max 25000)
• Cylinder valve and hose are not included

849⁹⁹

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13105 279 / UNASSEMBLED
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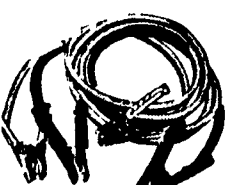
949⁹⁹

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Biotechnology Cited As Key To U.S. Agriculture

ITHACA, NY — "At this time, the United States is in a world leadership position in biotechnology and should remain so if we attract quality scientists to agricultural research and supplement and redirect our research to the high-reward opportunities," Ralph W.F. Hardy, president of the Boyce Thompson Institute for Plant Research at Cornell University, told a Senate hearing last week.

Hardy, an expert on biotechnology and a recognized authority on the life sciences, testified Nov. 4 at a congressional hearing on competitiveness in agriculture, which was held jointly by the Senate Committee on Agriculture, Nutrition and Forestry and the Technology and Law Subcommittee of the Senate Judiciary Committee. Also

providing testimony were the president of Monsanto Co. and Lewis Thomas, president-elect of the New York Academy of Sciences and author of the book "Lives of a Cell."

He said that biotechnology products such as genetically engineered microorganisms, seeds and crop plants for food and non-food uses "will enhance not only the international competitiveness of U.S. agriculture but also its domestic competitiveness by decreasing costs and, even more importantly, by expanding uses."

He proposed several steps to assure that American companies continue to lead in applying biotechnology to increase the economic vitality of U.S. agriculture:

- Attract more creative scien-

- tists to agriculture. "Agriculture does not attract its fair share of the most creative people," he said. "Incentives such as graduate and postdoctoral fellowships are needed to bring creative students outside of agriculture into agricultural research and development."
- More basic research in several key areas, especially the development of non-food uses for plants. He proposed that a special commission be set up to develop a plan aimed at creating commercial opportunities for agricultural biotechnology firms as well as farmers.
- Adequate proprietariness to encourage risk investment in industrial research to develop

biotechnology products.

- More realistic regulations to encourage America's strong biotechnology position in agriculture. "Regulatory agencies need to adjust their requirements as the assessment of the risk changes, based on evaluation of the relevant

scientific knowledge," he said. "Excessive regulatory requirements can severely disadvantage a development-stage company, while the impact on an established company would be much less."

- Creation of a more favorable investment environment.

South Jersey Local Elects Eller

MONROEVILLE, NJ — James Eller, Monroeville, N.J., was elected president of the South Jersey Local of Atlantic Dairy Cooperative District 2 at the local's annual meeting Oct. 13.

Other officers elected were John F. Hubschmidt, Bridgeton, N.J., vice president, and Jean DuBois, Monroeville, N.J., secretary/

treasurer.

Appointed as delegates to attend the cooperative's annual meeting Nov. 19-20 were: Bryce Hutchner, Elmer; Raymond W. Hackett, Harrisonville; and Lee C. Williams, Elmer.

Alternate delegates are: Phil Pettit, Woodstown; Theodore J. Fox Jr., Woodstown; and Leon Tice, Elmer.



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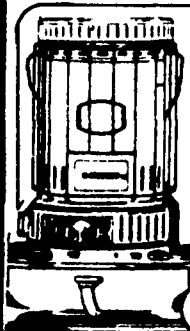
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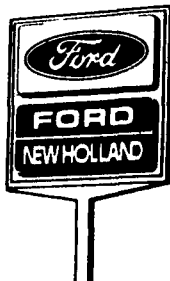
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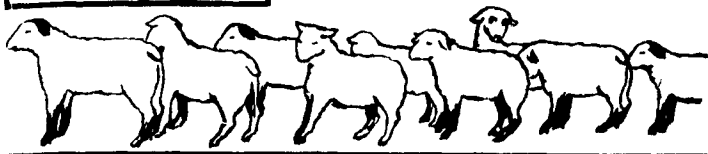
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Flock Forum

by
Clair Engle

Penn State Extension Sheep Specialist



Management Tips & Goals for 1988

Following are a few suggestions or resolutions, if you will, on making your sheep enterprise more challenging and profitable. Many of these comments must be credited to a respected colleague and friend, Dr. Robert Jordan, University of Minnesota, St. Paul, MN who I had the privilege of visiting while attending a conference recently on the National Sheep Improvement Program (NSIP).

To the experienced shepherd, these goals undoubtedly have become common practice however to the novice (3 yr. sheep experience) hopefully you will find some note worthy suggestions.

1. Decide you want to make money raising sheep in 1988. Define a market or markets for your commodity(s) and then breed and produce for that market. Start

placing emphasis now on developing some value added products. In other words, acquire a reputation of producing quality lamb and wool that will demand a premium.

2. Get bigger. Increase the size of your flock. As long as you have only 17-23 sheep you will never be pushed to apply money-saving or production-increasing technology. The advantages of production efficiency can also become a major economic factor with increased ewe.

3. Keep meaningful records that pinpoint management areas that either contribute to success or are responsible for low production. They should include: (a) lambing rate; (b) ewes that prolapsed or had mastitis; (c) lambing mortality (when and why); (d) lamb weights at 30-40 days (a good measure of the ewe's productivity) and lamb weights at 70-100 days (a good measure of the lamb's ability to

grow and your feeding program); (e) date turned on pasture and the pasture's productivity (did it provide enough feed and can you improve its carrying capacity?); (f) earmark your ewes (tags or notches so you can identify their age); (g) cull out the bottom 20% of the low producing ewes and replace them with the top 10-15% of your ewe lambs, etc. Become informed about the new National Sheep Improvement program and how they program might serve your needs.

4. Feed ewe lambs so they weigh 100 pounds or more and breed at eight to nine months. You can't afford to feed an empty ewe lamb for a year.

5. Crossbreed - it will increase your production 20% with no increase in cost.

6. Introduce some breeding or bloodlines that will increase multiVv irths. Fifteen to 25% Finn blood will increase the lambing rate 20-30% faster and with greater certainty than any management change you can possibly make. When such ewes are crossed with rapid gaining, well muscled, black faced rams, their lambs have vigor, are fast gainers and demand premium prices in the market place. Don't overlook also purchasing high producing replacement stock from reputedly producers who have records that reveal exceptional lambing rates (>165%). High lambing rates are possible for most all black face breeds where selection pressure has been applied to this trait. Another possibility is the Polypay breed which genetically has 12 to 16% Finn blood. Out-of-

season breeding capabilities is another trait more farm-flock producers need to consider in their ewe-breed choice and replacement selection. Certainly, Dorset breeding and all wool breed bloodlines should give you a boost in establishing a strong fall-lambing program.

7. Don't waste feed by feeding in excess of what the ewe needs. Feed for a given stage of production and maintain that ewe through gestation in a body condition score of 3+. If you do not have a working knowledge on these factors, ask somebody who does.

8. Corn is inexpensive in relation to hay. Feed one-third corn and two-thirds good quality hay, by weight, at a level equal to 70% of the hay you would normally feed (3 pounds instead of 4 pounds). That will save you 20-30% of the ewes' wintering cost. Incidentally, the ewe wintering cost represents 60-65% of the total cost of producing lambs for the year.

9. Attend and participate in your regional/county and state sheep associations and attend some educational sheep conferences e.g. the Keystone She-

pherd's Symposium, December 4 and 5, Carlisle, PA and the American Sheep Industry Convention, January 16-20, 1988 in San Antonio, Texas. The commaderie will do you good, your local association and you personally will grow stronger and become proud of being a sheep producer. You are apt to learn something also that will contribute to doing a better job with your flock.

10. Strive to make money with your sheep. Remember that lambing time is money making time.

Good luck in 88' in this business of sheep management.

COMING EVENTS:

December 4 & 5 - Keystone Shepherd's Symposium. The Embers, Carlisle, PA. Register now by calling your County Extension Office or College of Agriculture Conference and Short Course Office (814)865-8301.

January 10-15, 1988 - 72nd Pennsylvania Farm Show, Harrisburg, PA.

January 16-20 - American Sheep Industry Convention. San Antonio, TX. For more information contact Larry Ralston, ASPC (303)399-8130.

Auful Augie's Club Calf Sale

MT. AIRY, MD. — Auful Augie's Eighth Club Calf Sale of purebred Angus steers averaged \$694 on 28 lots. The average was up \$100 over last year and the first 18 calves through the ring averaged \$800. A capacity crowd filled the new sale arena at Back Acres Farm in Mt. Airy, Md.

The top steer was a March son of Broadway consigned by Purple Blend Angus of Mt. Airy, Md. He weighed 660 pounds and sold to Chris Mullinix of Woodbine, Md., for \$1,000.

The next highest selling steer was an April son of Agresso Special consigned by Don Michael of

Mt. Solon, Va. He weighed 530 pounds and sold to Gary Albright of Sabillasville, Md. for \$975.

Next high was an April calf by R&J Bullet consigned by Maryland Angus of Back Acres Farm in Mt. Airy, Md. He brought \$950 from Jim Hampton of Bridgeton, N.J. and weighed 570 pounds.

Other consignors to the sale were Lochinvar Farm of Woodbine, Md.; Old Bailey Acres of Middletown, Md.; T J Farms of Dover, Pa.; and Hilltop Farm of Boyds, Md. The sale was managed by Augie Velisek of Mt. Airy, and Brice Ridgely of Mt. Airy, was the auctioneer.

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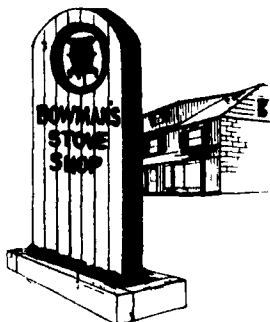
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Montgomery Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

MERCER COUNTY DHIA

October, 1987

Ralph & Gary Oakes	8-2	305	21,110	880
Hostess				
Vantage Jerseys	4-4	305	20,156	852
323				

Rolling Herd Average					
Name	Breed	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Harold K Halteman	3	67.7	88.3	20,097	726
Arlin Halteman	B3	77.2	89.6	18,675	693
George Seneko Jr	3	61.4	91.4	19,492	692
Richard A Bechtel	B3	72.9	87.9	19,225	690
Charles Rhoads	3	34.0	89.7	18,692	682
Merrill Mest	B3	40.1	87.9	17,287	680
Durrell & Dawn Delp	3	53.3	87.6	19,914	677
Fred Seipt Family	3	116.8	87.9	18,861	675
Patty-Run Dairy					
Farm	B3	57.1	88.6	18,757	672
Barry L Wegman	B3	45.6	84.7	18,636	651

Lactation Report					
Name	Breed	Age	Days	Milk	Fat
Mower Farms					
54 B	H	7-08	305	23,129	878
George Seneko Jr.					
Nollie	H	4-10	305	27,183	910
Harold Halteman					
Marlise	H	4-03	305	26,464	885
Patty	H	3-09	305	21,808	896
Arlin Halteman					
Bunny	H	4-05	305	24,510	864
Fred Sepit					
Lanky	H	3-10	305	20,372	916
Claude Bieler					
Connie	H	3-09	305	23,074	907
Clyde Masemore					
121	H	4-05	305	19,588	853
Andrew Schertel					
Brown 53	B.S.	6-10	305	19,310	878
Patty-Run Dairy Farm					
39 L	H	8-00	305	25,250	949
Harold Moser Jr.					
100	H	9-04	305	18,913	928

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Rollin+Dennis					
James	B3	49.2	89.0	23,988	861
Dewane & Wm					
Coulter	B3	61.4	89.8	22,522	787
Lengel Brothers	G3	166.9	88.6	19,549	719
Clan Campbell	G3	72.2	87.5	18,367	718
Richard E Slater	G3	31.8	90.6	18,113	717
David L Melton	G3	42.6	88.5	20,015	705
Dale L Kepner	B3	38.1	85.4	19,528	704
David&Leigh King					
Jr	B3	42.8	87.7	19,478	683
Harold D Hill	B8	39.6	89.1	17,062	682
Canon Dairy	B3	86.4	85.5	19,098	681
Arthur Baxter	3	44.6	85.2	19,141	679
Gerald Moose	4	48.9	89.1	14,147	672
Vantage Jerseys	4	90.9	89.0	15,408	663
Mrs Charles					
Robinson	B3	79.0	84.5	17,783	660
Van De Jersey	4	56.3	87.0	14,387	655
Laszlo Mozes	3	46.8	91.4	17,389	654
John Angermeier					
Jr	G3	42.5	89.3	19,211	654
Lengel Brothers					
649		6-9	301	30,865	1183
707		5-0	305	26,298	999
816		3-8	305	18,355	995
691		6-8	305	26,703	939
576		8-4	305	23,833	881
Harold D Hill					
74		5-8	305	22,578	1000
Rollin & Dennis James					
Ella		4-9	305	26,088	998
Sabrina		3-9	305	25,548	998
Jo		4-5	305	26,099	986
Billy		3-2	305	22,456	882
Jill		3-10	305	28,337	867
Richard E Slater					
48		4-0	305	21,254	971
46		4-0	305	22,329	953
Hunting Valley Dairy					
47		5-11	305	24,743	956
231		5-1	305	26,847	953
236		4-2	305	24,810	882
Clan Campbell					
42		6-9	305	21,450	919
David & Leigh King Jr					
31		5-3	305	25,322	881

UNION CO. DHIA					
September 1987					
Name	Breed	No. Cows	%Days In Milk	Average Milk Lbs.	Fat Lbs.
Jacob S Stoltzfus	3	49.9	88.1	22,604	850
Clarence W Beiler	3	66.0	89.8	20,923	826
John F Stoltzfus	B3	49.7	90.8	22,611	802
Locust-Row-Farm	B3	57.3	91.5	19,264	762
Ridge Creek Farm	3	46.6	88.5	20,713	750
Elam Beiler	3	44.7	92.8	18,748	750
Rapid Run Farm	B3	39.4	88.8	21,272	750
Ivan B Martin	B3	39.4	85.2	20,976	748
Wilmer S Stoltzfus	B3	33.6	89.8	21,435	744
Leom M Musser	3	50.6	89.8	19,825	740
John K Stoltzfus	3	46.2	87.0	19,733	736
Kore M Yoder	B3	43.8	87.7	20,226	731
Terry L Boob	B3	40.1	87.1	20,355	724
Kenlew Farms	B3	46.3	89.0	19,789	723
Wood Ann Farm					
Inc	B3	31.5	87.9	18,555	720
San Be Farms	3	64.5	87.3	20,628	719
Mifflin Hills Farm	3	53.9	87.2	20,763	718
Gene-Mar Farms	B3	78.7	90.8	19,307	717
Locust-Ridge					
Farm	B3	50.7	85.5	20,199	708
Daniel Z Stoltzfus	3	72.8	87.5	20,012	703
Ralph Dietrich &					
Son	B3	23.7	91.3	18,311	697
Roland Hackman	3	47.7	86.2	17,817	687
Dennis E Wolfe	B3	22.2	90.1	18,473	685
Hemlock Meadow					
Farm	B3	53.8	83.0	18,529	683
Amos M Stoltzfus	B3	43.5	84.5	17,863	681
Joal-Ann Dairy	3	75.0	89.9	19,304	676
Wilmer E Zook	B3	40.6	83.8	18,873	676
Leroy Zimmerman	G3	54.9	87.1	19,185	669
Mark A Mapes	B3	38.0	84.1	19,104	666
Ron & Lina					
Hoffmann	B3	49.6	87.1	18,736	664
Allen Reichley	B3	47.6	87.6	16,432	660
Nelson Z Martin	G3	29.1	87.6	18,332	653

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Farmers Urge Congress, President To Put Aside Politics, Enact Budget

WESTMINSTER, Vt. — The Legislative Committee of Northeast Farmer Cooperatives today urged Congress and the President to put aside their political differences and negotiate a budget compromise. "Recent press reports that the budget talks are floundering cause farmers great concern," said Steve Kerr, executive director of the association which represents 10,700 Northeastern dairy farm families. "If no budget compromise is reached and a sequestration occurs on November 20, the Secretary of Agriculture will reduce the support price for milk by over \$1.00/cwt. Farm prices will fall by at least that amount, doing incalculable damage to dairy farmers across the Northeast."

The negotiations to develop a budget for fiscal 1988 have been slowed by deep divisions between the White House and Congressional Democrats over how to reduce the federal deficit. The Gramm-Rudman-Hollings deficit reduction law requires that spending on a range of federal programs be reduced by 8.7% on November 20, unless Congress and the President agree on a budget which reduces net outlays for fiscal year 1988 by at least \$23 billion. Farm programs are amongst those that would be badly hurt by a sequestration.

"Farm income has just begun to improve after several very difficult years," Kerr noted. "The surplus of

milk that plagued the industry and the federal government from 1981 through 1985 has been largely eliminated by the dairy herd buyout. The cost of the federal dairy program - \$2.6 billion in 1983 - has consequently fallen by over 60%. Indeed, the program's cost today is primarily a function of the expenditures that the federal government must make to meet its obligations to foreign and domestic food programs such as T.E.F.A.P. and P.L. 480. To cut the support price for milk by over \$1.00/cwt. - not because there is a surplus - but simply because the Congress and

the White House could not set aside their political differences and reach an agreement on next year's federal budget would be tragic beyond description."

Congressman James Jeffords (R-Vt) and Senator Pat Leahy (D-Vt) have each introduced legislation to protect dairy farmers from the \$1.05/cwt. reduction in support and farm prices that sequestration would cause to occur.

Their legislation would instead allow farmers to pay an assessment of approximately 6 cents per cwt. "We endorse the efforts of Con-

gressman Jeffords and Senator Leahy," Kerr said, "because an assessment would reduce farm income far less than a price cut under these circumstances. Nonetheless, an assessment will cost farmers money that few can afford to lose, what with the Secretary of Agriculture threatening to reduce the support price by \$.50/cwt. next year."

"Furthermore, neither bill has yet been enacted because of the procedural snarl created by the budget stalemate. It would clearly make much more sense to develop a budget and avoid the consequ-

ences of sequestration - whatever they may be - altogether."

The New York Times recently (11/5) quoted Senator Bob Packwood (R-Ore) as saying that the stock market's recent collapse - the impetus for the "budget summit" - "has not created great aggravation and worry in the public and to the extent that there is no urgency in the grass roots, maybe (the budget negotiators) are reflecting that." "We want the Congress and the President to know that there is a great sense of "urgency" on the farm," Kerr commented.

U of D To Host Mid-Atlantic Biosecurity Conference

Large and small meat bird producers, live poultry market dealers and auction managers, egg producers, truckers, flock supervisors, feed company representatives and many other persons connected with the industry throughout the Mid-Atlantic area are invited to attend a one-day educational meeting next month on "Practical Poultry Biosecurity."

The event is scheduled for Dec. 7 in Clayton Hall on the University of Delaware campus in Newark, Del. It is the second annual regional conference of the Mid-Atlantic Cooperative Extension Poultry Health and Management Unit, an organization informally known as MACE.

Topics to be covered during the morning session include cleaning and disinfecting procedures for live poultry market operators and truckers, "Future Biosecurity Needs of the New York City Live Market System," and "Growing Poultry for Live Markets."

The afternoon session will include presentations on the Maryland Cage Bird Improvement Plan, the Mid-Atlantic poultry health agreement, "Overview of Recent Salmonella Enteritidis Outbreaks in New York State," "Nuts and Bolts of Disinfection," and the Pennsylvania avian influenza surveillance system. In addition, a representative of the U.S. Department of Agriculture will report on

"Avian Influenza — the Current Situation and USDA Policy."

Coffee and registration confirmation will start off the day's activities at 9:30 a.m. The program will get under way at 9:55 and adjourn at 4 p.m. A \$30 preregistration fee includes lunch, coffee and printed handouts.

Preregistration deadline for the

Dec. 7 meeting is Nov. 27. After that, the cost will be \$35. Program leaflets, which include a preregistration form and map of the Delaware campus, are available from Dan Palmer, Extension poultry specialist, University of Delaware Research and Education Center, Route 2, Box 48, Georgetown, Del. 19947. Or call (302) 856-7303.

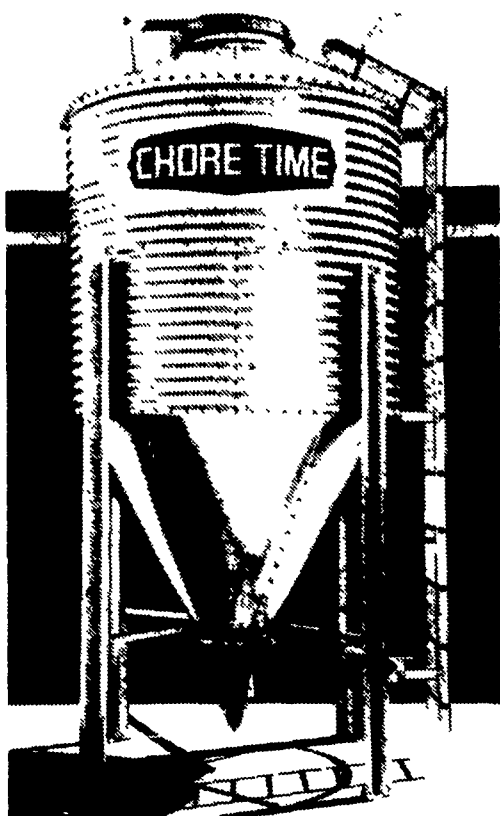
Caring For Elderly Relatives

NEWARK — Dr. Henry Farkas, Medical Director of Northern Chesapeake Hospice will discuss what conditions signal the need for medical attention and when continued medical treatment is inap-

propriate at the November 24 meeting of Families Caring for Elderly Relatives. The meeting is at 7:30 at the Adult Day Care Center at the University of Delaware located in Newark Hall on the corner of Academy and Lovett.

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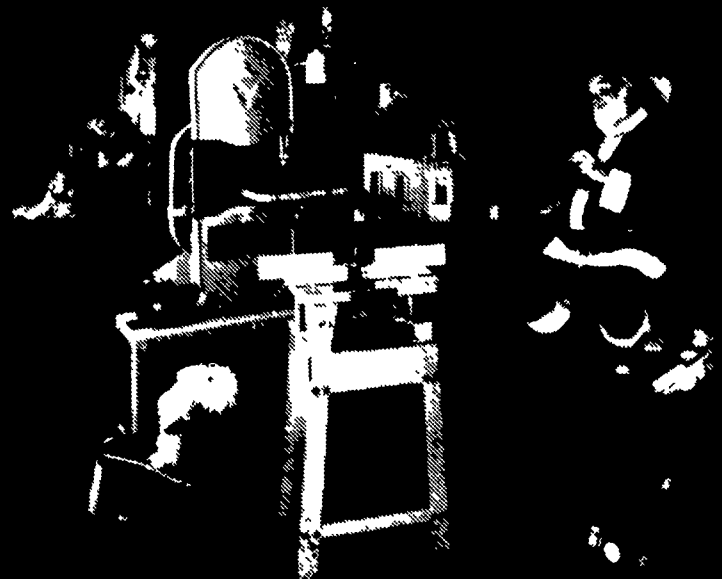
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Swine Management Column

Second Chance For Safety

Every year thousands of accidents occur on farms with machinery, power tools and livestock. While it is known that farming is one of the most hazardous occupations in the country, for some strange reason, many farmers give very little thought to safety.

I shouldn't mention this, but until recently I wasn't very safety conscious myself. Then I read an article in a paper about some of the situations in which Delmarva farmers have found themselves.

We tend to think accidents always happen to somebody else. With this attitude, it's a wonder that even more accidents don't happen.

Life on a hog farm is an accident waiting to happen. Not only do you have to be concerned about the augers, pumps and equipment for feed and manure handling, but also the tools that are constantly needed to repair the fences, gates and equipment that hogs just love to break. I've always said that if something can be broken, a hog will break it.

Another problem is that we occasionally come in contact with a nasty boar or sow that poses an additional threat to our well being. Rule number one is never trust a nasty animal, and rule number two is assume that all animals have the potential to be nasty in certain situations.

Just the other day I was talking to Ron Jester, the Extension safety specialist for the University of Delaware. I asked him for some information on safety to include in this column. Ron came through in a big way, and I'd like to share with you some of the information he sent me.

For simplicity, let's just talk about power and hand tool safety. Repairs are an every day occurrence on a farm — especially a hog farm — so you're constantly using hand tools.

It's a good idea to avoid risks, but many risks are so invisible we're not even aware of them. The following list includes some guidelines for avoiding risks that affect your safety.

- * Lift all items correctly. Never try to lift a heavy object by yourself. (Remember your last backache!)

- * Wear gloves and hard-toed shoes when doing heavy work. Heavy or sharp objects dropped on hands or feet often cause the worst injuries.

- * Keep your tools in good working order to protect yourself from electrical shock or injury caused when breakage occurs.

- * Use the right tool for the job. For example, never substitute a crescent wrench for a hammer; the wrench may glance off the object and hit you instead.

- * Keep the protective shields on grinding wheels in place at all times.

- * Never use electrical tools with substandard or obsolete wiring. To avoid shorts and shocks, make sure all your power tools have a positive ground.

- * Try to avoid making repairs from an elevated position, such as on a ladder. If you must work up high, take precautions to avoid a fall by using scaffolding with side rails and level footing.

- * Wear the right protective clothing for the job. Consider your face, hands, feet and body.

- * Always turn off machinery before trying to fix it. It only takes

a fraction of a second to get caught in a PTO shaft.

- * Stabilize any machinery before attempting a repair. Chock the tires and brace any hydraulic implements.

I realize that many of these precautions may add 5 or 10 minutes to a task. This can be a real pain when you're in a hurry. But that's nothing compared to the pain caused by a cut hand or foot, injured eye or, worse yet, the permanent loss of a limb or your life.

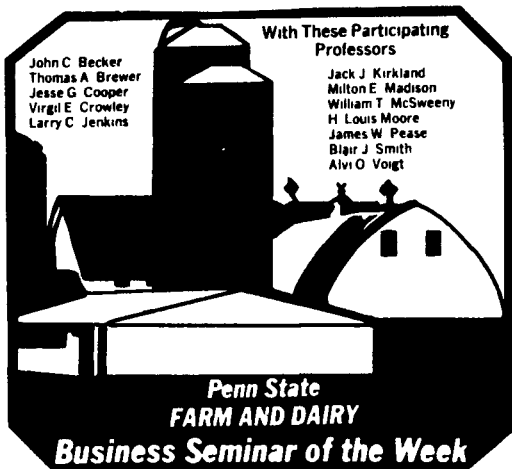
This may sound a little dramatic, but think about it for a moment. The law of averages says that when we take chances with our safety we'll eventually find ourselves in trouble.

Get in the habit of avoiding

potential accidents by becoming more safety conscious. Think before you act — especially when you're tired and played out after a long day in the field or in your hog operation.

One final bit of advice. When working around livestock, always leave yourself a way out. Don't let an aggressive animal get you cornered. The result can be disastrous.

Once when I was a graduate student at Virginia Tech, a mature Hampshire boar turned on me while I was trying to drive him to a group of students. Fortunately, while the threat was real, I got away. But I swore I'd never get myself in a cornered position again. I was lucky. Sometimes you don't get a second chance.



by Jim Beierlein

AGRIBUSINESS: AMERICA'S PREMIER INDUSTRY

Today's agriculture has become a vast and complex system that reaches far beyond the farm gate to include all those that are involved in bringing food and fiber to consumers. It includes not only those that farm the land but also those that provide the inputs (e.g. seed, chemicals, credit), process the outputs (milk, grain, meat), and manufacture the food products (e.g. ice cream, bread, breakfast cereals), transport and sell the food products (e.g. restaurants, supermarkets) to the final consumers.

Since the late 1940s this system has undergone a transformation as operations grew larger and more specialized. This system did not just come about overnight. It evolved in response to a variety of forces. By knowing something about its origins it makes it easier to understand how the agribusiness system operates today and how it is likely to change in the future.

The Early Years

When our nation was first being settled and for many years thereafter, agriculture was the major industry. By necessity it had to be since as late as 1850 the average American farmer produced enough food to feed just 4 people. As a consequence most farmers were nearly self-sufficient and produced most of the inputs they needed for production. They also consumed or used just about everything they produced. The small amount of commodities not consumed on the farm were sold for cash and were used to feed and clothe the 10 percent of the country's population that lived in villages and cities.

Because farm labor was increasingly expensive and hard to keep, farmers were increasingly interested in adopting new, labor saving production inputs. This trend enabled others to build businesses

that focused on meeting these input needs for items such as pesticides, fencing, machinery and so on. These firms evolved into the agricultural input sector which today accounts for roughly 70 percent of all the inputs used in production.

At the same time, a similar evolution was taking place in commodity processing, food manufacturing, and food distribution. The form of most commodities needs to be changed to make them more useful and convenient to consumers. For example, consumers would rather buy flour than grind the wheat themselves before baking a pie.

Advances in the technology of canning and later freezing lead to food processing firms being able to perform these tasks on a larger scale and less expensively than most households could. The process reached the point where consumers can purchase a ready-to-eat food product cheaper than they can make it themselves. Even most farm families have turned to purchased food and fiber products rather than doing the processing themselves. Those firms that meet the consumers' demand for greater processing and convenience also constitute a major part of agriculture and are referred to as the processing-manufacturing sector.

The Agribusiness System

It is apparent that the definition of agriculture needs to be expanded to include more than production. Farmers rely on the input industries for the products and services they need to produce agricultural commodities. Farmers also rely on processors and manufacturers for many foods they eat. This system is increasingly being referred to as the agribusiness system which is made up of (1) the agricultural input sector, (2) the production sector, and (3) the processing-manufacturing sector. The success of each part of this system depends heavily on the proper functioning of the other two.

The Size and Scope of Agribusiness

Agribusiness is America's pre-

Voluntary Restraints To Keep Meat Imports Below 1987 Trigger

WASHINGTON, D.C. — Secretary of Agriculture Richard E. Lyng recently announced that U.S. meat imports for calendar year 1987 are projected at 1,439 million pounds — 1 million pounds below the level that would require quotas on imports.

Lyng said that the United States will not have to impose the quota because Australia and New Zealand, the two largest suppliers of imported meats, have agreed to limit their meat exports to the United States for the rest of the year.

The Meat Import Act of 1979 requires the President to restrict imports of certain meats — primarily fresh beef and veal — if the U.S. Department of Agriculture estimates that imports will equal or exceed a trigger level set at the beginning of each calendar year. The trigger level, determined by formula in the Act, is 1,440 million pounds for 1987.

Import projections are made four times a year. The trigger level and first quarterly estimate for 1988 will be announced on or about Jan. 1, 1988.

mier industry. Besides providing food and clothing essential for life, agribusiness generates approximately 20 percent of the U.S. gross national product and employs roughly 23% of the total labor force. Production agriculture uses nearly half of all the land in the U.S. and the total value of farm assets is near \$1 trillion. This is equal to 85 percent of all the assets of the top 500 manufacturing firms in the country. The number of people involved in farming alone is approximately equal to the combined total of all those employed in the steel, transportation and automobile industries.

The American farmer is one of the most efficient producers in the history of the world and produces enough output to feed 78 people each year. This productivity frees others to pursue careers in science, government, medicine, computers and many other fields that help to make our lives better.

In order to get some perspective on the relative size of each of these sectors it is important to make some comparisons. In 1980 the firms in the agricultural input sector employed about 7.6 million people. This compares with 3.3

million in production agriculture and 12.7 million in the processing-manufacturing sector. In terms of total sales the agricultural input sector sold approximately \$150 billion dollars worth of goods and service to producers. They used these inputs to produce commodities that were sold to the processing-manufacturing sector for \$175 billion. The processing-manufacturing sector turned these into food products that they sold to consumers for approximately \$350 billion.

The importance of agribusiness is not just limited to the United States. Agribusiness is also the single most important part of the world's economy. In 1980 agribusiness worldwide represented 26 percent of total world economic production and provided work for nearly half of all the people on the planet.

Agribusiness plays an important role in the economic development and welfare of every country in the world. For the members of the agribusiness system to prosper they must keep abreast of changes in the markets for their inputs and products. For those that do the rewards can be considerable.

FMC Announces New Animal Feed Unit

PHILADELPHIA, Pa. — William F. Beck, FMC Vice President and Group Manager, Chemical Products Group, today announced the formation of an Animal Feed Business Unit as a separate business within its Alkali Chemicals Division, which will provide strong focus and direction to the ongoing and emerging animal feed activities of the Chemical Products Group.

According to Beck, "the new business unit will manage the Group's existing animal feed businesses including S-Carb_R Feed Additive, a dairy rumen buffer, and XP-4_R, a high purity phosphorus mineral supplement for livestock. Additionally, the unit will identify and develop new opportunities for FMC in the animal health and nutrition industry."

Kevin Buck will lead the newly formed Animal Feed Business Unit. Buck, previously Development Director of the Alkali Chemi-

cals Division, joined FMC in 1979 and has held venture management and marketing management positions for FMC's soda ash and chlor-alkali products.

Dr. Robert Campbell has been appointed Commercial Development Manager for the new business. Campbell has held several technical development positions since joining FMC in 1979, most recently as Development Manager for Buffer Products in the Alkali Chemicals Division.

FMC Corporation, headquartered in Chicago, is one of the world's leading producers of machinery and chemicals for industry, government and agriculture. The company operates 95 manufacturing and mine facilities in 25 states and 15 foreign countries. The company divides its businesses into four major segments: Industrial Chemicals, Defense Systems, Performance Chemicals, and Machinery and Equipment.



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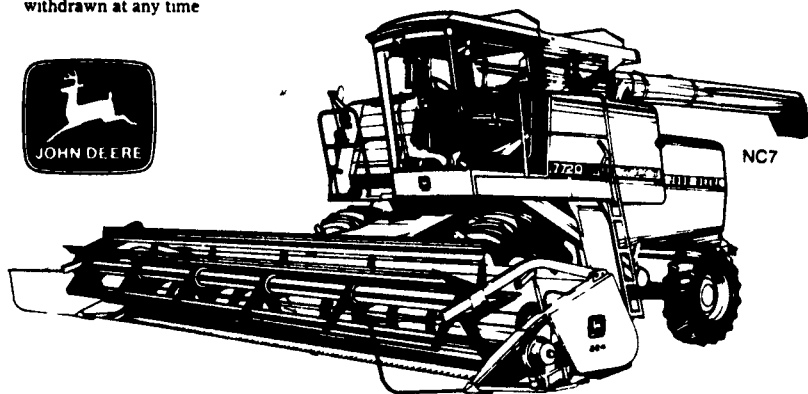
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Myers, Cashell Honored In Franklin County DHIA

BY BONNIE BRECHBILL
Franklin Co. Correspondent
ROXBURY — "Why do you farm?" Joyce Bupp asked the audience at Franklin County's DHIA banquet November 12 at the Lurgan Lion's Club. "For the economic benefits? You sell wholesale, buy retail, and pay the freight both ways. For the job security? Paid, vacation? Plush working conditions? Because you are your own boss? Sure, you're your own boss—except for the IRS, the milk inspector, the U.S. public health service, and your milk co-op."

"Or do you farm for the smell of new-mown hay, for the joy of saving a struggling calf on a February morning, for the challenge of doing a better job than you did last year, and for the satisfaction of seeing the barn full of hay and corn before the snow falls?" she asked. "All that makes the broken baler and the frozen manure spreader worthwhile."

Mrs. Bupp and her husband Leroy farm 750 acres and care for 215 Holsteins in southern York county. She writes for Lancaster Farming and The York Dispatch and is a director and corporate board member of Dairymen, Inc., and executive secretary of the PA Dairymen's Association.

In the business portion of the meeting, state director J. Wilbur Burkholder reported that the fee for state services went up by fifteen cents per cow, but that charge for somatic cell count went down five cents per cow. The lab processes 352,800 samples per month, he stated.

Floyd Myers, Chambersburg, was recognized for thirty years of service as a supervisor. George Cashell, St. Thomas, was named "Rookie of the Year."

Philip Wagner, Franklin County dairy extension agent, presented the member recognition awards. John and Ed Brake, Oakleigh Farm, Mercersburg, received the High Herd for Butterfat and Protein award. Their 116 cow herd produced an average of 21,476 pounds of milk, 839 pounds of fat and 698 pounds of protein. It was only the second time in the history of the Franklin County association that a herd had gone over 800 pounds of butterfat.

Most Improved Herd award went to Kenneth Burkholder of Mercersburg, whose cows produced 166 more pounds of fat than their 1985-86 average.

Dennis Bricker, Chambersburg, received the Low Herd Somatic Cell Count award. His SCC stands

at 131,000.

Ten farmers were recognized for having cows who produced a lifetime total of over 200,000 pounds of milk and who left the herd within the past year. Receiving plaques were: Robert Harwood, Chambersburg; Gaymere Farms, Waynesboro; Fred & Dale

Rice, Chambersburg; Harold Crider, Chambersburg; Kenneth Mel-lott, Mercersburg; Dwaine Brech-bill, Chambersburg; R.C. & J.R. Shoemaker, Chambersburg; George Skelley, Chambersburg, and Ken Oliver, Greencastle.

Lane Sollenberger, Fayetteville, current president; Edward Brake,

Mercersburg; Robert Mumma, Spring Run; Grant Gayman, Waynesboro; Dennis Crider, Chambersburg; and J. Wilbur Burkholder, State Director, Chambersburg; and Marvin Long, Mercersburg, were elected to the 1988 Board of Directors.



Re-elected to the Franklin County DHIA Board of Directors were J. Wilbur Burkholder, State Director; Lane Sollenberger, President; Robert Mumma; and Dennis Crider.



John Brake, (left) received the High Herd for Butterfat and Protein award. Low Herd Somatic Cell Count award went to Dennis Bricker at the Franklin County DHIA Banquet.

Foreign Aid Assists American Agriculture

SYRACUSE, N.Y. — "The evidence suggests strongly that it is in the long-term interests of U.S. agriculture for the United States to continue its bilateral and multi-lateral investments in the development of Third world Countries," said Dr. Duane Acker, Director of Food and Agriculture for the Agency for International Development (AID) at the National Grange convention here today. Acker indicated that while we try to address the immediate problems of U.S. agriculture, "we must at the same time do all we can to build markets and future competitiveness."

Dr. Acker said that because poor countries do not buy much, it behooves the United States to do all that we can to develop the economics of Third World Countries. "In that effort, development of their agriculture and increased

food consumption are important and necessary steps," he said. Edward Andersen, Master of the National Grange concurred with Acker's conclusion. Andersen said, "Many times we fear economic assistance to develop Third World Countries, including agriculture, will damage us, but present facts prove the opposite is true. During the last five years, 43 percent of U.S. agricultural exports were to Third World Countries."

The national farm leader continued by stating that less developed countries (LDCs) need to

export part of their production to generate income to buy the imports they need. "In almost every country where production and exports increase, their imports of food and other products also increase," he assured the Grange convention.

Acker challenged U.S. agricultural leaders to not only address immediate problems in agriculture, but to also keep one eye on the future — thinking about and working for the future. "Because U.S. agriculture is so dependent on exports, we must maintain and strengthen our competitiveness."

Agriculture In The Conestoga Valley Classroom



"Agriculture In The Classroom" was back for its second year in the Conestoga Valley School District last week. Coordinated by Ruth Ann Yost this program hosts guest speakers discussing hog farming, dairying, farm machinery, poultry and potato farming. John Landis (left) and John Rohrer (right) answer students questions on dairy farming.



This Holstein calf became the class star among the fourth grade students of Ed Schoenberger and Darla Dell during "Agriculture In The Classroom" week at Conestoga Valley.

Aroostook Rye: A New Cover For Cold Soils

Talk about cold areas in Pennsylvania with short growing seasons and Susquehanna County will be one area mentioned.

Putting a cover crop on the soil after silage corn has been a problem. Regular rye doesn't have time to establish growth before the winter storms. As a result, soil erodes at high rates because of the lack of cover.

However, now there is a new cover crop variety available -- Aroostook rye. Aroostook rye was originally developed for cover following potatoes in Maine.

After hearing reports of its success in the cold climate of Maine, personnel of the USDA Soil Conservation Service (SCS) and the Susquehanna County Conservation District decided it was worth a try.

Test seedings were set up on six farms in 1985-86. The results were so impressive that seeding trials were established on 24 farms this past Fall. SCS conservation technician Bob Wagner, carefully measured growth on all spots in mid November and again in April.

Aroostook rye had up to twice the growth of regular rye. Bob also found that Aroostook survived the winters better and by mid April was several inches taller. Bill Bee-man, a Brooklyn Township farmer, reported that his Aroostook was twice as high as the regular rye. Bowen Jayne of the same township stated that his Aroostook as twice as thick and on April 14th the Aroostook was five inches high as compared to two inches for regular rye.

John Oyler, SCS Plant Materials Specialist, adds that Aroostook Rye can grow six inches or more in one week in April. Lenox Township farmer, Jim Zick's rye was six inches high on April 15 and 14 inches on the 30th of April. At the same time, regular rye was five inches and nine inches.

Ron Kays, New Milford Township, had a growth of 13 inches in his Aroostook Rye on May 1. Twenty-eight days later it was 54 inches. His regular rye was seven and 44 inches on the same dates.

Wagner reports that the seeding trials were set up so that Aroostook and regular rye were both planted in the same field on the same soils. Part of the Aroostook rye seed was provided by the Soil Conservation Service plant materials center at Big Flats, New York. The largest portion was purchased by the county conservation district from

their no-till planter fund. The conservation district rents no-till seeders to farmers. Each farmer was given eight bushels of Aroostook Rye seed. The farmer had to provide an equal amount of regular rye.

Method of seeding was up to the farmer. Several methods were used including no-till, broadcast, disking and spreading with manure.

Use of the rye was up to the farmers. Fifteen plowed the rye down for organic matter. Four chopped the rye for silage with one stating that he got one-third more from the Aroostook, and two harvested the rye for grain.

SCS District Conservationist Wayne Ray noted that actual cost to the farmer was low. "It cost \$15.00 per acre to rent the conservation district's no-till planter and the cost share through the Agricul-

tural Conservation Program was \$12.00 per acre.

Wagner sees several advantages to the Aroostook Rye over regular rye. Faster growth, more winter hardy, and more organic matter to plow down. Oyler adds that Aroostook rye exhibit significantly better fall establishment and more horizontal growth for better ground cover. "It improves soil tilth and holds residual fertilizers near the surface for future crops," commented Oyler. "It offers a lot of potential for potato growers and other vegetable crops as well as silage corn. And it does protect the land against erosion."

Sid and Jim Marcy, Lenox Township, can not put manure on some corn fields because they are too distant from the barn. They feel that these fields are low in organic matter. The Marcy's say that the Aroostook rye should provide

twice organic matter of regular rye when chiseled into the soil.

There is one disadvantage to Aroostook. Wagner says that from his observations, it does not stand very wet conditions as well as regular rye. Wagner adds that he feels that Aroostook rye should not be planted in fields that are very wet. "From my observations, it does not germinate and grow as well in wet soils."

The seeding trials are not going unnoticed in Susquehanna County. For the first time ever, a seed dealer in the county was unable to meet the demand for Aroostook rye seed as other farmers are adopting the practice. Perhaps it contributed to an item in a large Pennsylvania seed company's newsletter that reported the best year ever for sale of cover crop seed.

Planting Guide For Aroostook Rye

SEEDING DATE for cold portions of Pennsylvania - October 5, best; can be planted into early November.

SEEDING RATE- Before 10/1, 2 bushel per acre (100-112#/Ac); after 10/1, three bushel per acre.

FERTILIZATION: Not required.

SEEDING METHOD - Best to plant no-till or conventional drill, planting one inch deep. Next best-broadcast and shallow disk. Aerial seeding into corn can be used but considerable seed will lodge in corn leaves.

HARVESTING-

GRAIN- Combine at 18-20% moisture to reduce cracking and damage.

SILAGE- Chop when full growth has been reached.

GREEN MANURE- Plow under or kill for no-till when Spring growth is 8-12 inches.

Price Support Loans Available On Corn

LEESPORT — Price support loans are available from the Agricultural Stabilization and Conservation Service on 1987 corn. All corn producers participating in the 1987 acreage reduction program are eligible, according to Donald E. Lutz, Berks County ASC Chairman.

The loan rate for Berks County's 1987 corn crop is \$2.14 per bushel. The rate reflects relatively higher than county market prices, Lutz said. Farmers can take out loans on their corn stored in an approved warehouse or on the farm.

Under the price support loan program, the Commodity Credit Corporation makes loans to eligible producers, using the commodities as collateral for the loan. The program does not guarantee participating farmers a profit; however, it does guarantee a minimum price.

The loans provide immediate cash for farmers and allows them time to make marketing decisions, or to hold grain for feeding later, the ASCS official said.

Loans on 1987 crop corn will be available to eligible farmers through May 31, 1988. Loans mature on demand but no later than the last day of the ninth month following the month the loan application is made. This holds true even if loans are not disbursed until the next month due to inspection, tests and paper work. Loans also may be redeemed with current eligible

CCC-6 Commodity Certificates. Call the ASCS Office in the Berks County Ag Center, Leesport, PA for certificate rate values or any questions about the loans. The

interest rate for November 1987 is 8% for the balance of this year. Rates for the balance of the nine month loan will be determined by the government's cost of borrow-

ing money on January 1, 1988. Interest is forgiven, however, if the loan is redeemed with CCC-6 Commodity Certificates. The corn must be in good storage and be kept in good condition at all times.

Wolford Named Maryland Meat Inspector

Dr. Stephen T. Wolford, D.V.M., has been named Chief of Meat and Poultry Inspection, it was announced today by Wayne A. Cawley, Jr., Secretary of the Maryland Department of Agriculture (MDA).

Wolford, who graduated from the College of Veterinary Medicine at Ohio State University, has owned a private practice, and is qualified to practice veterinary medicine in Ohio, Texas, Arkansas, and Virginia. He has been with the U.S. Department of Agriculture Meat and Poultry Inspection Section since July, 1968.

As USDA's area supervisor, Dr. Wolford has been responsible for all slaughtering operations and processing plants in Maryland, Delaware, Washington, D.C., and most of Virginia. "His qualifications for this job are outstanding," said Secretary Cawley, "and the Department is very fortunate to get Dr. Wolford to fill this important position."

Dr. Wolford will oversee the statewide inspection program carried out by MDA field personnel which assures that only safe,

wholesome meat products are offered for sale to Maryland's consumers.

Dr. Wolford succeeds Dr. Gordon Vacura who retired in May, 1987 after 13 years with MDA.

According to Cawley, Dr. Wol-

ford's appointment will enhance MDA's capabilities and expertise in this vitally important consumer protection program.

For further information, contact Anne C. Sieling, Maryland Department of Agriculture, 301/841-5882.

Beef Festival Angus Sale

MT. AIRY, MD — The 1987 BEE Festival Sale of Angus cattle was held Oct. 10, 1987, following the 1987 Maryland Angus Field Day at Back Acres Farm in Mt. Airy, Md., owned by Dr. and Mrs. Emmett Full and family. Twenty-six lots averaged \$1,147. The steer calves averaged \$516.

The sale included cattle from Maryland Angus, a division of Back Acres, and guest consignors, DLB Angus of Finksburg, Md., Waffle Hill Farm of Churchville, Md., and Gooding Angus of Brookeville, Md.

Top selling cow was lot 16, Back Acres Miss Angus 4A76, a July 1984 daughter of Ken Caryl Mr. Angus 8017, out of a daughter of Linebacker of Wye. She sold due to Cobble Pond New Yorker in

March, to Jeff Ward of Warfordsburg, Pa., for \$900.

Ward was a volume buyer purchasing five lots in all. These included the third high selling cow also, Lot 4, Erica of Back Acres 3E2, a 1983 daughter of Early Sunset Emulous 60E, bred to calve in March to Lonestar, for \$825.

The top selling pair included the second high selling cow, Linwood Garnett, a 1979 daughter of Mar Lee Northern Tim 447, out of a Moreland-bred dam. She sold for \$835 to Tremper Brothers of Westminster, Md., and her calf sold to John Tasto of Westminster, Md., for \$675.

The Maryland Angus Association managed the sale and Jack Downin of Williamsport, Md., was the auctioneer.

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CO-OP 7-foot Sickel-bar mower, PTO drive, 2 rubber tires, rope friction lift, \$125. JD model B, crank start, tricycle on rubber, \$900 Cultivators for JD model B, \$150 BLIZZARD 800 silage cutter-blower, \$1,200 HEEBNER "No 2 1/2 Union Cutter 1900" feed grinder, \$450 215-257-2498. Sellersville, PA Offers considered.

CORN HEAD AC 430, excellent \$1000 301-833-9091.

CRAWLER DOZER: Cat D7, cable, Pony, DD, new chain, good condition \$4,500 301-833-9091

CRAWLER DOZER JD 450B, 6 way, new engine, 90%, \$11,500 301-833-9091

CRAWLER LOADER JD 350C, 1981, 4 in 1, 4,000 hrs, \$9,500 301-833-9091

CRAWLER LOADER JD 450B, new UC, trans, clutches w/backhoe, \$14,000 301-833-9091

CRAWLERS
PARTS BY THE 1000s Cat, AC, IHC, JD, Terex, Oliver and Komatsu.

RUBBER TIRED LOADERS ALSO
If we don't have it -- we will find it

Free parts locator service available
LOMBARDO EQUIPMENT
Sinking Spring, PA 215-678-1999

AC 190XT dsl., cab \$5900. Lancaster Co. 717-786-3080

AC 6080, 2500 hrs., very good condition 717-966-1997.

AC WD, \$750 Lancaster Co 717-786-3080

Avery ground driven manure spreader, NI 1 row transplanter w/fertilizer & water tank, Belt driven corn sheller; Burr mill belt driven, Grain drill Farmers Favorite 301-239-8234

Belt conveyor with dirt screen 24" side 25' long with Wisconsin engine in excellent condition \$3500 301-398-2952 or 215-932-2585

BS model IC-195432, 8 HP. List \$357.60. SALE \$250.00 while supply lasts. Amos Glick, 717-656-9734

Buch Saw 30" PTO drive, 3 PTH, \$500 215-346-7340

Case 1690, low hrs., new rubber, excellent \$8,500 301-833-9091.

USED TRACTOR PARTS
Member of E.N.E.T. National Parts Locating Service.
Call Scott at:
Ed Goodrich Jr.'s Tractor Parts Company
Newark Valley, NY 607-642-8688

FOR SALE: 2 welders; 2 elec. hoists; 50' 2' wide roller conveyors; 8 10' U trough augers. 717-426-1921.

FOR SALE: 3010 JD dsl., NF, \$3200, Ford 150 automatic reset plow, like new \$1400; Lamco forage wagon \$600. 215-445-5725

FOR SALE AC Model G tractors and parts Evenings 201-850-0483 and ask for Tom

FOR SALE: IH rotary combine 1440, 4WD, 4 headers, 6RN head, 4RW, 15 and 13' grain platforms, header trailer for same, corn saver approx \$3,000 in new parts \$36,000 215-794-5022 eves

Model 600 Ford Tractor, Good Shape
NH 890 Harvester, 2RN Head, Real Good
NH 315 Baler w/Thrower, Good Shape
NH #851 Round Baler w/Hyd. Wrap
NI #243 Manure Spreader w/Endgate
NH 328 Spreader, Single Beater
14' Overhead Power Door \$300
30' Little Giant Elevator
Paul Shover's Inc.
35 Willow Street Carlisle, PA 717-243-2686

5088 Int. cab, air, heat, 937 hrs., \$23,500. 7:30AM, 301-898-3673.

87 Ford F250 4WD, auto trans., 351 motor, cruise control, 13,000 miles, \$10,500. Somerset Co, 814-893-5589.

880 MF 6-18" spring reset plow, \$1,150., AC 18' wing fold disk w/tandem whls, \$1,250 717-534-1253

8820 JD combine, 2400 hrs., 24' flex head, 6R com head 717-748-8322 or 717-748-7376

9N Ford w/rebuilt motor \$1695, IH 574 dsl., good condition \$4495, Farmall H, runs well \$595; IH Model 700, 6B plow, very good condition \$1095, Hesston #10 stack mover, 3 pt \$175 215-921-8859

FOR SALE

Ford 6600
JD 2030
JD 4440, Power Shift
MF 2675, cab & air
MF 275
MF 255 w/Loader
MF 16' Flex Head
MF 43 corn head
JD AW disc
Brady & Ford field cultivators
4x4 PTO irrigation pump
L & M BURKHOLDER
Ephrata, PA 717-859-2960 717-859-2712

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
Mon. & Tues.
8 a.m. to 5 p.m.
Wed., Thurs. & Fri.
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Mon. thru Fri.
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The following categories are available for your classified advertising In Section C. Deadline-Thursday morning at 9 of each week's publication

- 1 - Farm Equipment
- 2 - Farm Eq. Wanted
- 3 - Silos and Unloaders
- 4 - Building and Supplies
- 5 - Grain Equipment
- 6 - Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

- 7 - Livestock Equipment
- 8 - Cattle
- 9 - Horses & Mules
- 10 - Sheep & Goats
- 11 - Swine
- 12 - Artificial Breeding
- 13 - Hog Eq. & Supplies
- 14 - Poultry & Supplies
- 15 - Feed & Seed
- 16 - Fertilizer
- 17 - Plants
- 18 - Fruits & Vegetables
- 19 - Nursery
- 20 - Lawn & Garden
- 21 - Services Offered
- 22 - Custom Work
- 23 - Help Wanted
- 24 - Situations Wanted
- 25 - Business Opportunities
- 26 - Household
- 27 - Pets
- 28 - Lost
- 29 - Found
- 30 - Computers
- 31 - Notice
- 32 - Miscellaneous
- 33 - Recreational Vehicles
- 34 - Autos
- 35 - Trucks and Trailers
- 36 - Real Estate

CLASSIFIED AD ORDER BLANK

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MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

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Name _____
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Please publish my _____ word ad _____ times
starting with the _____ issue. Classify under _____
_____ I enclose _____.

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AT 5:00 P.M.

SECTION C - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

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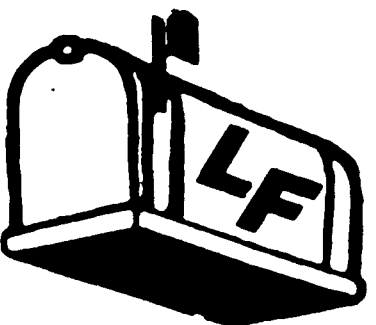
29¢ per word per week - 1 or 2 times

23¢ per word per week - 3 or more times

11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40



FARM EQUIPMENT

2250 gal. honey wagon, excellent shape 717-267-2128.

USED COMBINES

7.5 for 48 months or 11-1-87 waiver.
MF 300 w/2 row corn and 13' grain head
MF 760
MF 750
MF 510
WT 8800
NH 1400
NH 975
MF 750 4 sp. Gear
MF 1144 CH
MF 63C CH
MF 13' Flex Head
MF 550 Hydro
MF 44 CH
MF 13' GH
MF 760 Six Cyl. Hydro
MF 63C CH
MF 13' Flex Head
MF 550 Hydro
MF 1143 CH
MF 13' GH U II Reel
Various Size Grain
Bean & Corn Heads
Available

OTHER USED EQUIP.

Satoh 650
Cab for MF 270 or 290 tractor
MF 236 loader
JD Model 780, 10' Mower Conditioner
MF Round Baler #450
WT 8 Row no-til Corn Planter
w/liquid fert.
WT 8 row no-til planter w/dry fert.
WT 271 20' Folding Disc
Brady 18 Tooth Foldup Chisel
JD Grain Drill
NI Forage Wagon
FORD Dump Truck w/Grain Box
2 Side Rakes
Case VAC tractor
Case 1070 w/air, cab
JD 38 chopper w/pickup and 2 row
1953 Dodge PU Truck
NEW EQUIP.
MF Compact Tractors
360 Tractor w/cab
1035 Tractor
1010 Tractors
MF 820 24' foldup Disc Harrow
MF 424 Grain Drill
MF 220 Baler
MF 724 Manure Spreader
M & W 500 Bu. Dryer

GUS FARM EQUIP. INC.
Route 616
Seven Valleys, PA
717-428-1967



JD 4430, QR trans., sound guard cab, weights & duals, very good condition, \$12,500.; JD 3 pt. 8' chisel plow w/(2) 2' extensions, \$450. 717-534-1253

JD 48 loader w/valve, good condition \$1800; JD 4020, p. shift w/WF, very nice condition. 717-532-7054.



FORD TRACTORS

New 3910
New 1910 w/4WD
New 1710, 4WD
New 1310, 1510
New 1210 4WD
Used Ford 9N
Used Ford 9N w/Ldr. & Step Up Trans.

NEW HOLLAND

New 353 Grinder Mixer
New 355 Grinder Mixer w/ Hyd. Drive & Electronic Scales
New 38 Crop Chopper
New 311 & 320 Square Balers
New 411 Disc Bine
New NH Manure Spreaders
Used 770 Forage Harvester
Used 36 Crop Chopper
Used 273 Baler

NEW IDEA

New NI 406 Rake
Used NI #7, 1R Corn Picker
Used NI 270 Cutditcher

OTHER EQUIPMENT

New Ford 241, 12' Disc Harrow
New Ford 131, 5 Shank Chisel Plow
New Ford 133 High Clearance Chisel Plow
New Ford 208, 12ft' Field Cultivator
Used Farmall BN w/ Cultivators
Used Farmall C w/WF & Cultivators
Used Ferguson T030
Used Farmall H
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used Windrow PU 2R Corn Head to fit IH 550 Harvester

Sweigard Bros. Inc.
RD #3
Route 147/225
Halifax, PA 17032
717-896-3414

Rounder hydrostatic skid loader 30HP engine, good condition, Starline Model 70 silo unloader, good condition. Lanc. Co. 717-656-8358 or 656-7746

SAVE 50%

PTO Alternators and PTO Pressure Washers. Call 1-800-231-8277. Dunham Equipment Company.

Schwartz front end loader for AC 180, 4 ft. bucket, hyd. dump; AC 100 combine parts, no motor. Bucks Co. Call Evenings 215-795-2350

JD 4020, powershift, WF, new paint dual hyds., very nice condition, \$6200 717-532-7054

IH 584 4WD, new clutch, 2000 hr., 1000', 2"x20" irrigation pipe, 25 sections with risers & sprinklers, excellent condition. JD A rebored, new pistons & rings, 10' transport disk. Balto. Co., 301-557-6928.

10' heavy duty double angle snow blade w/ brackets, \$400. 304-263-2976

12' IH wheel disk \$575; 1135 MF w/duals, good condition \$6500. Delivery available. 717-534-1253.

18' heavy duty JD disc, \$4,250 201-859-2616

1937 Oliver Hart-Parr 70 complete, serial #214440. Make Offer. 304-263-2976

RAYMOND B. LEAMAN



IH 986, Cab, Air, Recent Motor Overhaul

IH 544 Utility, Dsl., Hydro

IH 830 Chopper w/3R Head & Grass PU

JD 6620 Side Hill Combine, 1435 Hrs., Hydro, Nice, w/643 Head. Would Sell Separately
1975 Gleaner F w/2 Heads

NI Picker & Uni Parts Snapping Rolls, Gear Boxes, Final Drives & Trans. Parts.
Also Complete 709 4WD w/717 Combine, Fire Damaged

NI 325, 12 Roll NR Picker
1976 IH 915 Combine
(2) Uni 708 Dsl.
(2) 702 Uni, 16 Roll #839 Husker w/Late Style Throat
MF 750 D w/Air, Wide or Narrow C.H., 13' or 15' Bean Table

CORN HEADS

713 Soybean Platform for Uni
844 N for Uni 3x30 for old MF 300
744 N for Uni 2x38 for Gleaner K
744 W for Uni 2x38 for JD 55 or 45
7x30 #738 for Uni (2) IH & NI 12 Roll Pickers
3x30 IH for 615 or 303 (2) NI W/N Silage Heads
3x30 IH for 403 or 715

TRACTORS

IH 986 w/C.A. IH 1466
Ford 8600 JD 4430, C.A.

Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybills Bros. Garage, Refton.

OMC model 540 hay stacker, excellent condition OMC model 430 mixer mill, never used. 717-247-7858

PARTS PRICED RIGHT CRAWLER TRACTOR PARTS CURRENTLY DISMANTLING

AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others Loaders, dozers, graders, excavators, backhoes. Many parts removed & checked, ship anywhere.

NATIONWIDE PARTS LOCATER SERVICE NEW ARRIVALS FOR PARTS

AC 645 4WD motor w/3500 series engine; Cat 955H pedal steer w/running engine, segmented sprockets
BALANCE EQUIPMENT CO
PO Box 407
Route 29
Palm, PA 18070
215-679-3900
Day or Night

NI 323 corn picker, excellent condition, \$1,650 Lancaster Co 717-664-2430



USED EQUIPMENT

White 2-135 Tractor
MM 670 Gas Tractor
MF 300 w/Heads
Haybuster 1068 No-til Drill
White 281 10' Offset Disc Harrow
18' Brady Hyd Fold Chisel Plow
IH 4500 Field Cultivator, 20' Ford 2 Row Cultivator
Fox 728 2R Corn Head
White 271, 23' Disk Harrow
IH 15' Chisel Plow
NI 6R Double Frame Planter
Hesston 1090 Windrower
Niemyer Power Harrow
White 5B 16" SAR Plow
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Pittsburgh 12' Field Cultivator
Westfield 8x51 Auger
Ford 503 Rake
Haybuster 107 No Till Drill

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

Massey Ferguson 65 gas, good condition, \$2,700. 301-876-1956

MF 165 Diesel, square axle, 8-speed, tires like new, \$4500. MF 165 Diesel w/multi-power, \$3500. 717-776-6242.

Mustang dsl skid loader, 32HP, 1700 lb lift capacity, good rubber, dirt bucket, manure fork included. \$3,500. 717-532-3360.

New H&S 180 bu. manure spreader w/hyd end gate, \$3,200; 14' Hudson tandem axle trailer, \$1,300.; New 10' Brillion grass seeder, \$2,745.; Used 10' seeder, \$1,500.; 7 shank Brillion disc chisel plow demonstrator, \$3,900; Hesston 5530 demonstrator, round baler & new Viccon fertilizer spreaders, call for price New Woods 3 pt backhoe, \$3,700, New Lahman 20 hp skid loaders, \$6,200 30 h.p. diesel; New Hesston 4600 square baler w/thrower, \$8,300.

DON ERDLEY EQUIPMENT
Lewisburg, Pa.
Shop 717-524-2410 or Night 717-524-2408

1978, 130-06 Deutz, cab, 130HP, 20.8x38 radial tires, fair condition \$8,000 best offer 717-426-2659

1985 JD 5820, S.P. chopper, & 3-30", 465 hours, almost new, \$49,500 1984 5820, 819 hours, 3-30", very good, \$45,500 Also, Field Queen. "The Chopper Man" 814-635-3689 or 717-632-8619.

WES STAUFFER ENGINES & EQUIPMENT
RD 3, Ephrata, PA 17522
(717) 738-4215

Authorized Dealer For:
WISCONSIN ENGINES

Onan Engines KOHLER engines
BRIGGS & STRATTON

• New Wisc. V2, 30 HP Electric Start
• New Kohler 662, 24 HP Electric Start
• Used Wisc. 2 Cyl. TJD, 18 HP Electric Start
SALES • SERVICE • PARTS

JD 2020 gas, 2900 hrs., new rubber, outlet, #50 side sickle, one owner. \$5,600. 301-833-9091.

JD 244 corn head, \$775; Oliver 1 row #5 corn picker, \$135; Case C-C tractor, \$275; NH PTO manure spreader, \$225.; IHC wagon running gear, \$175.; Case 10' transport disk, \$450. All equip. runs OK. 215-968-4808

JD 260 Loader mounting frames for 4230 Franklin Co. 717-597-7295.

JD 308, 30' grain auger, PTO drive \$1500; Brady 12' field cultivator w/cyl \$550; Brillion 14' transport culti-packer \$1250; Kools blower \$300 717-866-7066.

JD 3300 dsl., immaculate Price sticker still on the side \$7,000 Larry Stalter "The Combine Man" 717-632-8619 or 814-635-3689

JD 4020D, NF, SR, \$4,900; JD 3020D, WF, PS, \$5,200; JD 3010D, WF, \$3,900; Farmall 300, \$1,200 304-263-2976

Trencher-Bachoe, Davis 60HP Wisconsin, 4WD, w/backfill blade, HD chain, dual auger, 58" deep, 6" wide, excellent condition, low time, extras \$6900. 215-926-2003

Two Row NH 890 or 892 36" Snapper Head. Any reasonable offer accepted 607-687-3930 days.

USED TRACTOR PARTS, also rebuilt clutches and torques We ship UPS Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346-513-548-0718



SPECIAL DISCOUNT
8' KELLY BAGGER
2 WH. \$9,995.00
FOB, NE.
9' + \$1,500.00

General Stor Bags
Full Line Available
Custom Bagging

AG PRODUCTS COMPANY
717/328-3177

Eckroth Bros. Farm Equipment



RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED COMBINES

Int. 1440 Combine
MF 750 w/grain head
Int. 915, late model

USED TRACTORS

JD A w/cultivator
Massey Harris Model 30
Farmall Super M
Ford 9N w/loader
Ford 9700 w/Cab & air, nice

NEW GEHL EQUIPMENT

1540 Forage Blower
309 manure spreader

USED EQUIPMENT

Int. 440 Baler w/Thrower
13' 3 Pt. Chisel Plow
Menge Chopper
Zimmerman ~~SOLD~~ Dale elevator
IH #45 18 1/2' vibra shank cultivator
IH #70 4 btm. traller plow
IH 510 4 furrow plow
AC 2000, 6 btm. reset plow
JD 8350 grain drill 18x7
NI 600 forage box
IH 820 15' flex head
IH 990 mower conditioner
NI #311 2 RW picker
NH 5' flail chopper
IH 1250 grinder mixer, very good condition

BEILER ENGINE SERVICE

Following is a list of engines we obtained through trade-ins, etc. All of them have been tuned-up and checked-out in our shop and are guaranteed to be in good condition when they leave our shop. No other warranty applies. All prices FOB our shop. Except new engines have full warranty

280 PENNSYLVANIA ROAD
NEW PROVIDENCE
PA 17050



USED TRACTOR & COMBINE PARTS

Large Selection
Save 50%

**W.C. Littleton
& Son Inc.**
P.O. Box 169
Laurel, DE 19956
302-875-7445

TRACTORS and SKID LOADERS REBUILT

Perkins and Wisconsin
gas or diesel
power units
New
Briggs & Stratton
Belts - Pulleys
Used Wisconsin Parts

Glick's Engines
Leola, PA
717-656-9734

Glencoe 9'6" Soil Saver
Brillion 12 1/2' Field
Cultivator
AC WD45 Tractor w/WF
Axle
AC D17 Dsl. Tractor
839 Husking Unit
844 N Corn Head
NI 744N Corn Head
JD 40 Manure Spreader
w/Upper Beater
NI 213 Single Beater
w/Hyd. End Gate

ROY H. BUCH INC.
Ephrata
717-859-2441

USED EQUIPMENT

TRACTORS

Case 830	IH 1566	Deutz DX-130
IH 4586	Ford 4100	JD 4230
IH 886	IH Super AV	JD 5020
Ford 861D w/Loader	AC 7000	MF 255
Steigor ST 251		

TILLAGE

Krause 1927 Disc, 25'
AC 2300 Disc, 10'
JD 235 Disc, 24'
IH 300 Rotary Hoe, 25'
IH 720 Plow, 7x16 On-Land
IH 5511 Chisel Plow 11'
Glencoe 18' Soil Finisher
Krause 12' Landsman
Ford 142 Plow 5x16
Sunflower Disc 29'
Krause 4133 Field Cultivator
(2) Krause 1966 Disc 31'
Krause 2143 Disc 42'
JD 12 Shank Chisel Plow
JD 210 Disc 15'
JD 825 Rollover Plow 3x16
Wilrich Field Cultivator, 37'
Brillion 32' Crowfoot Packer
Tebben Deep-Till, 7x30"
IH 10 Subsoiler, 5x30"

COMBINES

(2) IH 915-JD 7700-AC F3
IH 1460

MISCELLANEOUS

JD 7000 Planter, 6x30
FMC 20RC Air Sprayer
Reynolds 12CF Pan, 12 Yd
Marliss No Till Drill, 15'
IH 620 Press Drill
IH 800 6RN Air Planter
JD 400 Gal Sprayer
NH 315 Baler
NH 320 Baler w/70 Thrower
IH 60 Shredder
Rhino Flex 20 Mower
NI 299 Mower Conditioner, 9'
Woods D80 80" Mower
NH 495 Haybine

GOOD SELECTION OF CORNHEADS AND PLATFORMS

NEW HOLLAND
HOOBER
HOOBER EQUIPMENT INC.
MIDDLETOWN, DE

Case

(302) 378-9555
1-800-341-4028

FALL CLEARANCE

This Inventory Is REDUCED
For Clearance

NEW EQUIPMENT

• Gehl 2160 Mower Conditioner, 9'3" Cut	\$5700
• Gehl 1580 Forage Blower	\$3200
• Gehl 1500 Round Bale Handler	\$1600
• New Idea 360 Manure Spreader, 150 Bushel	\$2800
• IH Scraper Blade, 3 Pt. Hitch, 6'	\$ 325
• Yanmar Backhoe, 3 Pt. Hitch	\$2700

USED EQUIPMENT

• Case 1845 Diesel Unloader	\$7500
• Case 10' Chisel Plow, Pull Plow	\$ 800 ~~\$ 900~~
• IH McCormick Grain Drill, 16 Disk	\$ 150 ~~\$ 200~~
• IH 1250 Grinder Mixer, Needs Work	\$1200 ~~\$1500~~
• IH 400 Corn Planter, 4R	\$ 700 ~~\$ 900~~
• JD 7000 6RN Corn Planter	\$5600 ~~\$5700~~
• JD 800 Self Propelled Windrower	\$1200 ~~\$1300~~
• JD 66 Forage Blower	\$ 500 ~~\$ 600~~
• JD Grain Drill For Parts	\$ 100
• JD Cultivators For 50 Tractor	\$ 50
• JD 54 Manure Spreader, It Works	\$ 350 ~~\$ 400~~
• NH 518 Manure Spreader w/Endgate	\$1400 ~~\$1500~~
• NH 675 Manure Spreader, Tandem Endgate	\$ 800 ~~\$ 900~~
• NH 368 Flail Spreader, Tandem Axle	\$ 700 ~~\$ 800~~
• Gehl 880 Haybine, 9'3"	\$1100 ~~\$1200~~
• Gehl 2 Row Wide Row Crop Head	\$ 300
• New Idea 620 Forage Blower	\$ 300 ~~\$ 400~~
• New Idea 838 Uni Husker, 16 Roll	\$7600 ~~\$7700~~
• New Idea 763 3 Row Narrow Row Crop	\$ 800 ~~\$ 900~~
• Kewanee Rotary Hoe 15'	\$ 500 ~~\$ 600~~
• Meyer Snow Plow 7 Foot	\$ 700

USED TRACTORS

• Case 630 Gas	• Allis Chalmers CA
• Case 1070	• MF 230
• IH 656 Hydro	

A.L. HERR & BRO.

Park Ave. Quarryville, PA 17566
GEHL (717) 786-3521

Gets into your system

BUSH-HOG

**HOLLAND
MARTIN**

Case

NEW IDEA

1 FARM EQUIPMENT

NI 843 head, 3RN \$2,500.
301-658-4629

NI 325 picker, 2 row
narrow, 12 roll bed, works
very good, \$2,800.; Sauder
manure loader w/dirt
scoop, \$100
717-354-0266



* TIME AND ENERGY SAVINGS
UP TO 60% TIME SAVING
* SAVES ON CONCRETE WEAR
* OUTLASTS BUCKET WEAR

* MADE FROM HEAVY INDUSTRIAL EARTH MOVER TIRES
* THREE DIFFERENT HOOK UPS
BUCKET THREE POINT, BOBCAT



QUICK TACH SCRAPER



3 POINT SCRAPER BUCKET

SALES INQUIRIES:

ROBERT H. ROHRER & SONS
123 Charlestown Rd.
Washington Boro, PA 17582
717-684-6500

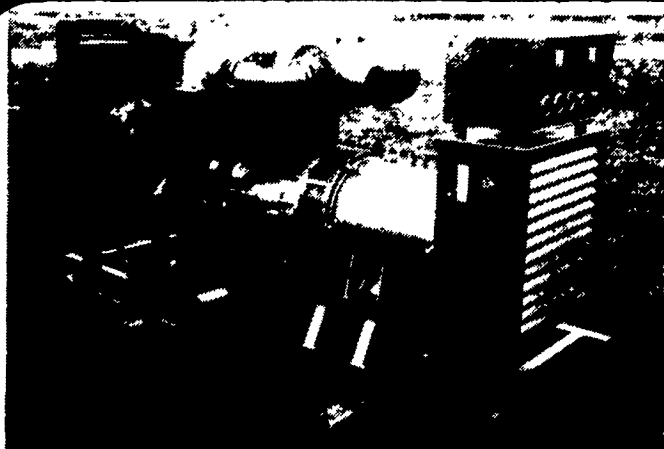
FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

Ford 2910	JD 2140, 7 1/2 h.p., 4WD, sound guard cab
Ford 2910, 4WD	JD 3010
(5) Ford 3000	JD 4240, 2WD
Ford 3910	JD 4240, canopy & power shift
Ford 4000	JD 4 ~~SOLD~~
Ford 461 ~~SOLD~~ loader	IH 574
Ford 4610, 1984	IH 674 gas
w/1,100 hrs	IH 806 w/quick hitch
Ford 5000, 1975, DP	IH 966, clean
Ford 6600, 1977, w/DP	MF 135
Ford 7600, 1980	MF 2705, 1981
w/1,600 hrs., DP, LM	230 Tim ~~SOLD~~
Ford 7700	New Long 510, 4WD w/Loader
Ford 8000 w/DP	New Long 610, 4WD & Loader
Ford 8200, 4WD w/cab	New Mitsubishi 372, 15 h.p.
Ford 8600 w/cab & DP	New Mitsubishi 180, 4WD, 18 h.p.
Ford 9600	New Mitsubishi 210 w/loader & backhoe
JD 555 w/loader	NH 775 Skid Loader
JD 420	Oliver 77, wide front
JD 60	Ebro 80 h.p., \$6,000
JD 630 w/3 pt hitch	
JD 950 w/loader	
JD 1630, 50 h.p	
JD 1830, 60 h.p	
JD 2040, 65 h.p., 4WD, sound guard cab	

We also have a large inventory of tractors at our other
location at 4530 Olde Scotland Rd., 1/4 mile off Exit 8 on
696 North.

1/4 Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
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Complete Generator Systems Engineered To Your
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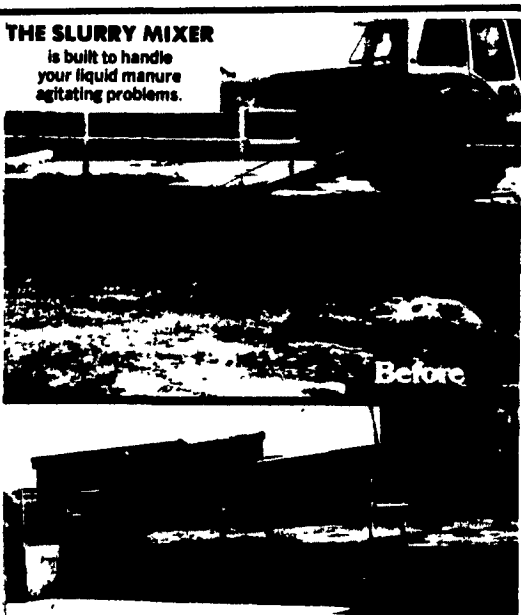
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MARTIN ELECTRIC PLANTS

Pleasant Valley Rd. Ephrata, PA 17522 (717) 733-7968



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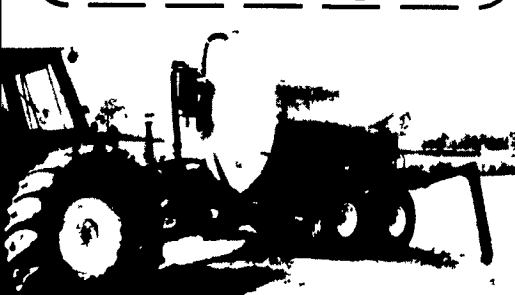
This 3 point hitch Slurry Mixer's large 22" propeller produces a
strong undercurrent that moves liquids, floating chunks of
crust, weeds, bedding and dried manure into the propeller that
chops, mixes and blends your manure into an even liquid Slurry

Priced at \$2,295

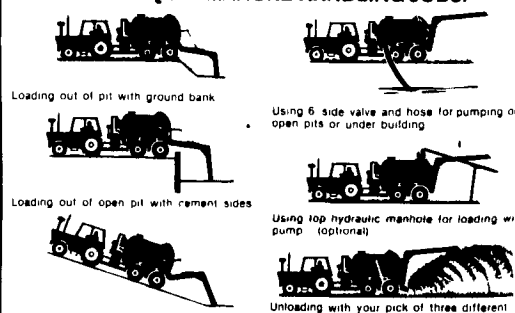
SLURRY BUGGY EQUIPMENT COMPANY

148 WEST METZLER ROAD, BOX 42
EPHRATA, LANCASTER COUNTY, PA 17522
PHONE (717) 859-1869

THE 2900 (SLURRY BUGGY)



HAUL LIQUID MANURE ALL DAY WITHOUT GETTING OFF THE
TRACTOR SEAT USING THE SLURRY BUGGY EASY LOADER
THE SLURRY BUGGY IS DESIGNED FOR YOUR
MANY LIQUID MANURE HANDLING JOBS.



We Have Spreaders To Rent - 1500 & 2900 Gallon
FOR FREE LITERATURE CALL OR WRITE

SLURRY BUGGY EQUIPMENT COMPANY

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EPHRATA, LANCASTER COUNTY, PA 17522
PHONE (717) 859-1869

FARM EQUIPMENT

NI 319 mounted corn picker w/new elevator, fits IH tractor \$1200. Northumberland Co 717-286-1347.

NI 245 manure spreader, 10 ton tandem axle w/ endgate, like new, never spread manure. Call before 8 a.m. 717-222-4160

NI 311 corn picker, 2RW, 8 roll husking bed, good condition \$1250. 609-737-2335 after 7PM.

JD 620 tractor; NH 328 spreader; McCurdy gravity bin wagon, 275 bu. w/8 ton Wenger running gear. All in good condition. Cumberland Co. 717-423-6332

JD 680 tandem manure spreader, 400 bushel, good shape \$1575. 717-665-3860.

John Deere 555, 450-C crawler loaders and 6 way dozers; JD 310A and 410 backhoes; 1969 GMC school bus, power steering, runs good, \$350. J.D. Equipment, 215-679-5958.

NH #355 Grinder Mixer w/scales, good condition. McCurdy bin wagon on AC running gear. Lancaster Co. 717-529-2536.

NH 355 Grinder Mixer, used 6 months, \$4800. NH 676 tandem axle Manure Spreader with top beater & pan, \$2500. NH 27 Whirl-A-Feed Blower, 4 years old, \$750. NI 323 1R Corn Picker, nice, \$2250. Fahr 950 Tedder & Rake, pull type, \$950. JD 336 baler/thrower, \$3,250 Lycoming Co., 717-323-0987 after 6 p.m.

Vibra shank 8 1/2' 3 pt. mounted, like new \$1100. 717-384-4202.

WANTED: Int. model 706 or 806 tractor & McCormick #7 or #9 ensilage cutter. 717-394-5573

Wanted: Farm tractors in need of repair. 215-965-5692.

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

Sunflower head attachment for 13' combine head, like new. 717-792-1217.

Taylorway Model 650 offset disk, 10 1/2' cylinder and hoses, new tires. NEW (Demo). Cash \$6500. 703-459-8400.

Toledo "Print Weight 400" platform scales for sale. Weigh to 1600# in 1# graduations. State certified 10-87. Callears' Butcher Shoppe. 717-888-2927. Ask for Ron.

John Deere F-125 3 bottom plow, \$650. 301-876-1956.

John Deere #50 mower for 3010-3020, \$200. 301-876-1956.

LOADER: IH 2250 w/new bucket \$1700. 301-833-9091.

LOADER IH 2000 w/60" bucket, front pump, new never used, \$2,000. 301-833-9091

Massey Ferguson 65-D narrow front, \$1,650. 301-876-1956.

KELLER'S FARM MACHINERY
116 Richlandtown Pike
Quakertown, Pa. 18951
215-536-4046

NEW TRACTORS

MF 1040 4x4 w/ Ldr.	Ford 1510, 4x4
Ford 3910, fully equipped	Ford 1310
Ford 1910 PS	Ford 1210
Ford 1710 4x4	Ford 1710 PS
Ford 1510 2WD	Ford 1110
	Ford 655 LBH
	Ford 445 LBH

USED TRACTORS

Ford 9000 Cab, Duals	Ford 2310 w/loader
Ford 6600, 4WD	JD 3010 DNFE
Ford 6610 DP	JD 2010 GNFE
Ford 5000 D PS	IH 574 w/Loader
Ford 4600 w/Cab	IH 504 3 pt.
Ford 4600 P.S.	IH Cub w/Equip.
Ford 3600 w/ Loader	MF 175 D 8 speed
Ford 3550 w/ Loader	MF 135 w/Ldr.
Ford 2600 G	MF 150 G P.
Ford 2000 w/Ldr.	Steering
Ford 1700 w/Ldr.	Ford 5600 4WD, Loader
Ford 1300 w/ Mower	Ford 420 w/loader
Ford 801, P.S.	Ford 4000 w/ Loader
Ford 4500 LBH	Ford 2810 600 hrs.
Ford 445 w/Loader	Ford 2110 500 hrs.
Ford 4000 D PS	AC D15 3 pt.
Ford 3000 8 speed	Case 830
	MF 2200 w/Ldr.

Leaman Tractor Parts
P.O. Box 250
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874
(Turn Left on Breneman Rd. from 222 S at Refton)

TORQUE AMPLIFIERS & CLUTCHES

Over the past 5 years, we have sold thousands of T.A.'s to satisfied customers in 25 states across the U.S. Some of our best customers are I.H. Dealers.

We do complete job or center housing while you wait or will sell you the parts. Our prices on T.A.'s with the Dana Sprag, is still \$595.00 with a 2 year warranty.

We also have units and parts available to rebuild old style T.A.'s, including Ramp & carrier sets for \$300.00

Clutches, Pressure Plates PTO Drives & Water Pumps

We have clutches available for most all IH tractors; including many heavier than original. We also have clutches for many other brands.

- Compare Our Prices -
All clutches & T.A.'s w/ship U.P.S. and are sold on an exchange basis. Core charges Apply.

QUALITY USED PARTS

We are continually increasing our inventory of late model tractor parts. We have a good selection of quality used parts at competitive prices.

ATTENTION!
International Harvester Owners
Tighten worn steering arms on 56-66-86 series IH tractors without welding, splitting, or bolting.

A taper is machined into the new steering arms. A sleeve is then broached to match the original splines of the spindle. The outside of the sleeve is tapered to match the inside taper of the arm. These two, finely-machined surfaces then meet for a neat, permanent, surelock fit. A key is installed for added strength and safety.

COLLECTORS!
1954 (?) IH B-450, looks like Super M but has factory 3 pt. & direct injected dsl. engine, very rare

USED TRACTORS

Coming In—
1982 IH 5088, Fully Equipped, Low Hours, Western Interior.

IH 856 Gas, wide front end, 2 pt. hitch completely overhauled, very good cond.

IH 806 Gas, wide front end, cab, 2 pt. hitch Oliver 1955T, fender tractor, 3400 hrs., excellent cond.

AC 7040, 2600 hrs., 20 speed trans., cab, air, good condition

IH 686, rebuilt engine & torque amplifier, new tires, good condition

IH 766 gas, 2700 hours with cab and 3 pt., very nice

Gehl 2500 series skid loader 800 hrs. on unit with new Onan engine

IH 656 Diesel, 3 pt. hitch, good cond.

IH 2000 loader to ~~SOLD~~ or 656, etc.

IH 531, 3x16" 3 pt. plow

Several Cabs To Fit IH Tractors. Average To Good Condition. Price To Sell.

Delivery Available Anywhere

Coming...

Binkley & Hurst Bros., Inc.

Annual

DISCOUNT CASH & CARRY DAYS

December 7 Thru December 31, 1987

This Is Your Sale To SAVE BIG
On New & Used Tractors, Machinery And Parts

LOOK FOR FULL DETAILS IN THE DEC. 5th
ISSUE OF LANCASTER FARMING

1 FARM EQUIPMENT

JD 4020 diesel, SR trans., cab & wide front, \$5,500. Reason for selling, bought bigger tractor 717-534-1253

International 1066 cab/air, excellent, \$9,500; McCormick 16x7 grain drill, VG, \$225; MH 7 PTO mower, good, \$125. Berks, 215-944-9819.

JD 1020 w/Model 46A loader, nice condition \$5200 717-532-7054.

LOST CREEK IMPLEMENT

Rt. 35 Oakland Mills, PA 17076
(5 Miles North of Mifflintown)
717-463-3511 463-2161



COMBINES

NEW 6620 Side Hills & 7720's END OF SEASON PRICES & TERMS Call us for your combine needs

USED COMBINES

JD 4400 combine, cab, air w/13' platform, good condition, \$12,000

MF 760 hydro, cab, AC, 24 5x32 tires, good, 1163 CH, 15' platform, \$19,000

MF 750 hydro, cab, AC, nice, 1163 CH, 15' platform, \$21,000

MF 510, cab, dsl platform, \$5,500

AC model K, cab, platform, \$5,000

NH 975 combine w/cab, 13' platform

AC L630 corn head, good, \$5,000

JD 444 corn head, good, \$3,900

JD 443 corn head, low profile, good, \$6,500

(2) MF 44 corn heads, good, \$3,000-\$2,500

NI 710 Uni combine w/10' platform, \$1,500

NI 325 sheller, \$3,000

Coming In...

JD 7720 w/4 WD, loaded

JD 6600 diesel, rotary screen

JD 7700 w/turbo, rotary screen, platform

JD 6620 Side Hill, low hrs

9.5% Fixed Rate Financing or
Interest Free Till Sept 1, 1988
On All Used Combines

USED TRACTORS

JD 4450, cab, air, PS, 20 8x38 radials, 750 hrs, \$38,000

JD 1520, 45 h p, good condition, \$5,500

JD 950 tractor, RG & canopy, 900 hrs, excellent, \$7,300

8600 Ford w/Cab, weights, 18 4x38 tires, \$6,500

Farmall 400, diesel

Farmall 544, tricycle, 3 pt, good, \$4,500

BN Farmall w/sickle mower

1850 Oliver, cab, 92 h p, good condition, \$6,200

TILLAGE

9' Case transport disk, \$800

JD RWA 8' disk, \$800

(2) JD RWA 13' Disk, \$1,800 each

JD 350 hyd reset 5 btm plow, recond, \$2,200

IH 450 auto 3 btm, 16" reset plow, excellent, \$1,900

MF 345 3 btm 16" mounted plow, like new, \$1,500

(6) 2, 3, 4, 5 bottom plows

JD 1600 chisel plow, 8', \$1,000

18' transport harrow, Special \$700

JD drag harrow, 16', \$500

10' Dunham cultmulcher, very good, \$1,500

DRILLS & PLANTERS

JD 1240 planter, dry fert, plateless, good, \$1,400

JD 1440 planter, no till, dry fert, plateless, \$1,800

IH 56 4 row DD, dry fert, \$900

Cockshutt 13x7 single disc drill, good, \$450

HAY, FORAGE & MISC.

JD 327 baler w/30 ejector, like new

(2) JD 24T balers w/ejectors

JD 14T baler, nice

IH 37 Baler

IH 430 baler w/thrower, good

NH 479 haybine

JD 480 mower conditioner

(2) IH 990 haybine, 9'

NH 469 haybine

JD #15 Flail Chopper

JD 38 Harvester

Fox Harvester w/2 heads

JD 40 Spreader, excellent

NH 328 Spreader

36' NH Elevator w/Motor

IH loader 2001

300 gallon Century Sprayer

NEW TRACTOR'S & SKID LOADERS



Case IH 2096, 2WD, Cab
Case IH 2096, 4WD, Cab - Demo, Rental
Case IH 485 2WD, Turf Tires — ROPS — 2 In Stock
Case IH 585, 4WD
Case IH 585 w/Shuttle Shift
Case IH 585 Low Profile Orchard Tractor
(2) Case IH 685's In Stock, Low Profile Orchard Tractor
Case IH 885 ~~4500~~ w/Factory Cab
Case IH 1394, 2WD, 2 Post ROPS, Power Shift, Turf Tires
Case IH 1835 C Gas Skid Loader — New Unit In Stock
Case 1845 C Skid Loader
Case 1816C - ~~1800~~ - Special Price!

USED EQUIPMENT

TRACTORS:

IH Farmall "C"

Farmall B w/Cultivators

Farmall 400 Gas, Tricycle

Farmall 544 Gas, Wide Front

Int. F12 w/Cult., \$450 - Runs

IH 240 w/Fast Hitch

IH 254 w/Woods Mower, Like

New, 25 Hours

IH 300 Utility

Case 990, Ex. Cond.

IH 424D with loader - \$4,250

T340 G Track Loader -

\$3,500

Oliver 77 ~~1800~~, 3 pt. Hitch -

\$850 ~~1800~~

JD 70 Skid Loader - Mechanic's

~~1800~~ - Needs Engine

Ferguson 35 w/Turf Tires

TILLAGE:

IH 480 DH Manual Folding,

20'6" Disc - \$3,000

Brillion Vibra Tine Trailing

Field Cult., 16 Ft, Like

New

Pittsburg 11'6" Disk

JD KBA Disk, 9' - \$750

JD BWA 12' Disk

Oliver 13' 5 Disk Harrow

Krause 1740 Heavy Duty

Disk, 36 Disks, Cushion

Gang

IH 37, 35 In Various Sizes

IH 3 Pt. Hitch 2-Bot. Plow

Int. 360 20 ft. Trailing Field

Harrow

IH 78 Front Mtd. 4-Row Cultivator

w/Quick Attach

1-Bot. Trailing Plow

Vicon 10' Power Harrow -

Was ~~\$2,500~~ - Now \$950

White 508 5-Bot. Reg. Trip

Semi-Mtd. Plow

White 283 18 ft. Folding Field

Harrow w/Midwest Buster

Bar - Nice Shape

Dunham Lehr 12' Packer

Mulcher

Bush Hog Chisel Plow, 8

Shank, 3 pt. Mounted

COMBINES:

IH 227 Cornhead, fits 315,

205 or 203

IH 205 w/10 ft. Platform -

\$3,500

IH 1420 Axial Flow Combine

IH 844 Cornhead & 843 Corn-

head & 820 13 ft. Platform

IH 815 Combine, Ex. Cond.,

Completely Rebuilt

IH 810, 13 Ft. Head

IH 863 6-row Cornhead Real

Nice!

MF 550 Grey Cab, 900 Hrs.,

23" Tires - \$18,000

MF 1144 4-Row Wide Corn-

head - \$4,500

744 Wide Cornhead for 715,

Ex. Cond.

743 Narrow Cornhead for

IH PARTS

COMBINES:

IH 315 Hydro & Plat.

IH 315 Gear & Plat.

IH 403 Gear, 4R Wide Hd. &

12 Ft. Plat.

IH 227 Cornhead

IH 700 13' Platform

MATERIALS

HANDLING:

Farmhand Loader for IH 74 or

84 Series Tractor

PLANTERS:

IH 56 4-Row Planter

IH 2-Row Fast Hitch

IH 658 6-Row Narrow Dry

Fert.

400 6-Row Cyclos For Parts

or Field Use

JD 1240 Plateless, Lq. Fert.,

30" Rows w/DEMCO

Squeeze Pump - Nice!

JD Van Brunt 13x7

JD FBB 15x7 DD, Very Nice!

JD FBB 17x7 DD

JD FBB 15x7 SD

HAY & FORAGE:

NH No. 26 Blower

(2) NH No. 27 Blowers (Whirl-

a-Feed)

Gehl FBB 88 Blower

Gehl 99 Hi-Throw Blower,

nice!

550 IH Chopper (Parts)

1014 Hesston Mower Cond. -

Make Offer!

Hesston PT-10, \$1,500

NH 69 Baler w/o Thrower

IH 27 Baler - Real Nice

IH 420 Baler w/o Thrower

IH 35 Hyd. Drive Rake

(2) IH No. Bale Throwers

IH Direct Cut Head For 15 or

16 Chopper

Fox Blower

JD 1209 Mower Cond., 9 Ft. -

\$3800

JD 16A Flail Chopper - \$850

OUTDOOR POWER

EQUIP.:

OVER 20 USED L&G

TRACTORS IN

STOCK AT ALL

TIMES

Cub Cadet 108 Mower

Cub Cadet 105 w/Mower

Cub Cadet 982, 20 Hp., w/50"

Mower-Rental Unit -

\$3,500!

JD 110 w/Mower

JD 116 Lawn Tractor

JD 210 w/Mower, Nice Shape

AC Big 10 w/Mower

Gravely Model 424, 10 Hp, w/

Mower - \$850

MISCELLANEOUS:

ARPS 3 ~~1800~~ Snowblower

Howard Rotovator, 54", 3 pt.

Hitch, Hvy. Duty -

~~\$1,950~~.. Now \$850!

Century 300 Gal. Trailing

Sprayer - ~~\$750~~ \$650

4 Wheel Hi-Boy Sprayer w/

FMC 3 Cyl High Pressure

Pump, Mtd. on MF 50

Gas Tractor - Ideal For

Sweet Corn Grower -

\$3,950

Freeman Loader for IH 424

Morrige 400 Bu. Grain Dryer

- Set Up For Natural Gas,

Can be converted to LP

gas - \$1,800

Call For
Special
Case-IH
Programs!

Case IH 496 Disk Harrow, 19'1", 52
Disk, Set Up Complete w/Hyd Cylinder
& Tires, Standard Gang, 9" Spacing
w/Hvy Duty Earth Metal Disks

CALL FOR
SPECIAL
PRICE

THE BEST FINISH DISK
ON THE MARKET!

Extra Extra Special Deal On Equip.
In Stock For November!

- Case IH 475 12' Cushion Gang Disk (Demo)
- Case IH 720 6-Bot. 18" On Land Plow
- Case IH 730 4-Bot. Vari-Width Plow
- Case IH 4500 Vibra Shank Field Cultivator
- Case IH No. 14 5-Shank Auto Reset Subsoiler
- Case IH No. 10 5-Shank Subsoiler
- (2) Case IH 181 Rotary Hoes, 15 Ft., In Stock
- Case IH 6500 11' Conterill
- Case IH 415 Packer Mulcher 10'1"
- Case IH 5611 2 Rank 11' Chisel Plow
- Case IH 5513 3 Rank Chisel Plow
- Case IH 5607 2 Rank 7 Ft. Chisel
- Case IH 5700 3 Rank 11 Ft. Chisel
- Case IH 595 Spreader
- Case IH 560 Spreader

LOOK!

Call For
Special
Programs!



NEW EQUIPMENT

Case IH 1660 Combine

Case IH 1020 16½ Ft. Platform

Case IH 5100 24x6 and 20x6 Grain Drills

Case IH 50 Shredder

Case IH 900 Planters - 4 & 6 Rows

Case IH 97 Rake, Right Hand



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It Pays To Buy From A Company Whose Business Is Sales AND SERVICE

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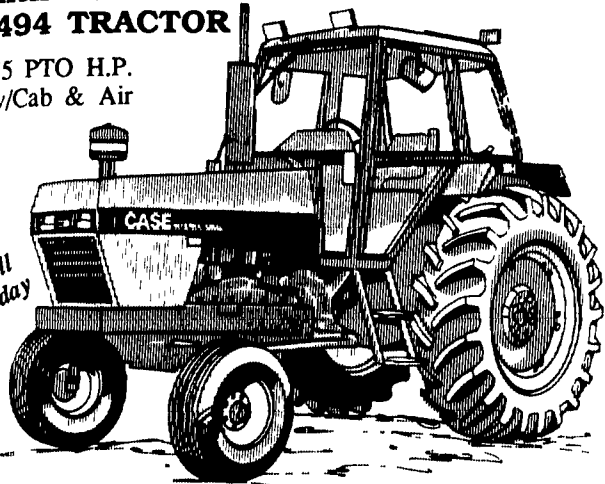
Warren Spickler

Home: 653-4560

You've Never Seen So Much In A Tractor
Until You've Seen The CASE IH
1494 TRACTOR

75 PTO H.P.
w/Cab & Air

Call
Today



Model 1494 4WD w/Cab
Priced Too Low To Advertise!



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Biggest Of The Year...
CALL US!

8.8% Financing
Or Waiver Til September 1, 1988
Or Big Cash Discounts



385
35 PTO hp



485
42 PTO hp



585
52 PTO hp



885
72 PTO hp



685
62 PTO hp

—ONLY TWO DAYS—

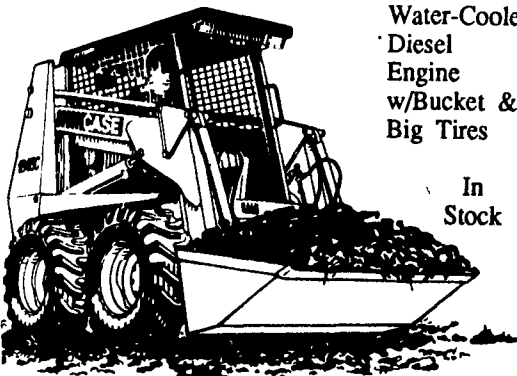
See And Drive The New

MAGNUM Series Tractor

At Our Location

—CALL FOR APPOINTMENT—

NEW CASE 1845C UNI-LOADER



Water-Cooled
Diesel
Engine
w/Bucket &
Big Tires

In
Stock

Get A Special Deal...
5% APR FINANCING

GOOD CLEAN USED EQUIPMENT

TRACTORS

- IH 350 Tractor
- IH 300 Tractor
- MF 50 w/Hyd. Driven Orchard & Tree Cultivator
- IH 1088 w/Cab, Air, Heat
- IH 454, 3 Pl. Hitch

LOADERS

- Ovation Mustang 1700, Diesel Engine
- Bobcat Model 530 w/2 Buckets
- N.H. L785 w/Diesel Engine, Big Tires, 70" Bucket, Like New

HAY & FORAGE

- NH 488 Haybine
- NH Wheel Rake
- Gehl 99 Blower
- NH 56 Blower
- NH 852 Round Baler w/Auto. Wrap

- JD 1209 Mower Conditioner Good Condition
- Hesston No. 10 Stack Wagon
- NH 488 Haybine 9 Ft. Cut
- NH 479 Haybine
- NH 269 Baler w/Thrower
- NH 890 N2 Snapper Head
- NH 485 Haybine, 12 Ft., Good Condition
- IH 815 Combine w/810 Grainhead, 863 6 Row Cornhead
- NH 278 Baler w/Thrower
- NH 770 Harvester w/2 Row Narrow Corn Head
- IH 600 Blower
- Woods RM 80 Mower
- JD 4400 Combine w/13' Platform & 4 Row Corn Head, Ex. Cond.
- NH 320 Baler w/Thrower, Ex. Cond.

SKID LOADERS

- Hydra-Mac 23 H.P., 2 Buckets, Pallet Fork

PLANTING & TILLAGE

- IH 400 Planter
- Pittsburgh 12' Disc Excellent
- Brillion Transport Harrow 10 Ft.
- Glencoe 9 Shank Soil Saver
- IH 370 Disc Harrow, 12 Ft.
- IH 501 Heavy Duty Disc Harrow, 12 Ft.
- JD 10 Ft. Disc Harrow
- Int. 13 Disc Grain Drill, Ex. Cond.
- JD 1550 Power No-Till Grain Drill, Like New

SPREADERS

- NH 791 Spreader w/Hyd. Endgate
- NH Model 570 Tandem Axle Spreader w/Tailgate
- NH 518, Tandem Axle w/Hyd. Endgate
- NH 518 Hyd. Endgate
- Gehl 600 Harvester w/Snapper
- NH 890 Forage Harvester w/2 Row N Cornhead & Pickup Attachment
- Ontario 18 Disk Grain Drill w/Fertilizer & Grass Seeder, Ex. Cond.

NEW CASE IH TRACTOR PROGRAM
Waiver Of Finance Til Sept. 1, 1988

OR 8.8% Financing
OR CASH REBATES

ATTENTION FARMERS: If Parts Are Needed After Hours to Keep You Going,
Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

HAPPY THANKSGIVING TO ALL OUR FRIENDS AND CUSTOMERS



0%

FINANCING FOR 1 YEAR
On All New Holland Equipment

N.H. 848, 853 & 855
ROUND BALERS
IN STOCK

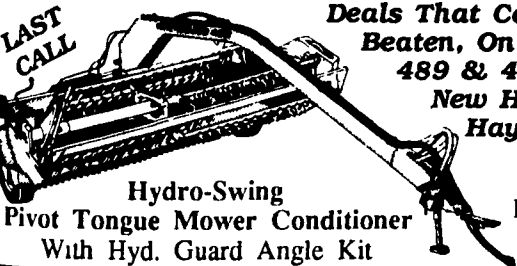
Ideal For
Corn Fodder

Flotation Tires,
Bale Ejector,
Reverse Drive,
Counter, Oiler,
2-400x8 Pick Up
Wheels

Featuring
The New
Bale Command
Wrap®
w/Alarm

N.H. 848 R BALER Demo Unit \$8,950

Deals That Can't Be
Beaten, On 474,
489 & 499
New Holland
Haybines

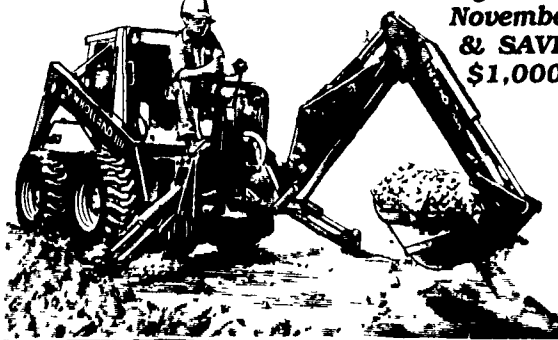


N.H.
MODEL
499

Hydro-Swing
Pivot Tongue Mower Conditioner
With Hyd. Guard Angle Kit

N.H. L781 SKID LOADER
w/B134 BACKHOE

Buy In
November
& SAVE
\$1,000



N.H. 355
& 358
GRINDER
MIXERS

In Stock
Ready To Go

Featuring:

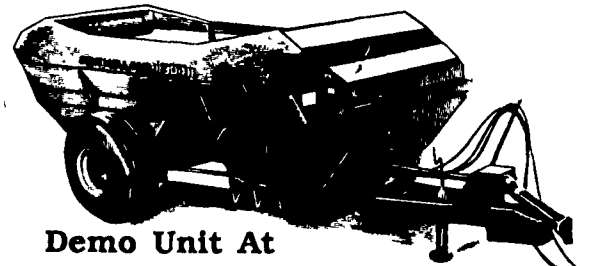
- Hyd. Drive • New Electronic Scales

Waiver Of Finance Til Mar. 1, 1988

PAY CASH & DEDUCT \$375



N.H. 304 COMBINATION SPREADER
FOR SLURRY AND PEN MANURE



Demo Unit At
Special Price SAVE \$1,000
Plus Pay Cash & Deduct ADD'L. \$400

N.H. 795 SPREADER

w/Hyd. Gate, Splash Guard, Top Beaters
Built For Heavy Duty Hauling
440 Cu. Ft.



With Waiver Til March 1, 1988
Or Cash Rebates

- Waiver Of Finance Til March 1, 1988 On All NEW SPREADERS And GRINDER MIXERS
- Waiver on HAY EQUIPMENT Til June 1, 1988
- Waiver On FORAGE EQUIPMENT Til Aug. 1, 1988

- 0% Financing For 1 Yr.
- 5.9% Financing For 24 Mo.
- 8.9% Financing For 36 Or 48 Mo.
- OR Cash Rebates Up To \$2650

END OF
SEASON
CLEARANCE

Balers
and
Hay Rakes

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT — RT 283, ELIZABETHTOWN, PA

PHONE: 717-367-1319, 653-8867

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WARREN SPICKLER HOME 653-4560

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1 FARM EQUIPMENT

Harvestore Feeding Equipment 185' belt feeder 16" wide, forage weigher and mineral meter. All are currently running. 814-886-2870.

Henderson manure loader w/roper, pump, complete w/mounting brackets for AC-B. 717-464-2270.

Hesston 2,000-150 chopper with 6' pickup and 2RW corn head, 1,000 RPM shaft; 3 Grove silage wagons; Hustler 56 blower. All in good condition 717-532-7905.

IH 856, WF, 3 pt., 2 shafts, TZ, partial cab, in use \$5250; Farmall M, Farmall H, good \$500; Badger spreader w/liquid gate; 20' 2 axle tag-along trailer \$850; JD 750 grinder mixer. KEITER'S USED FARM MACHINERY, Robert L. Keiter, RD #2, Box 453 (Carsonville), Halifax, PA 17032. 717-362-9096.

IHC-Hough 100-C articulated loader w/817B turbo charged engine, soft cab, runs good, \$12,000. 215-679-3900 day or night



Farmall Super AV Culti-Vision, 36" Tires

1983, Case 1490 C.A., Radio, 854 Hrs.

Ford 7600 2WD

Ford 7700, 4WD

Ford 1100 Dsl., 2 WD, 45" Mid Mount Mower

(2) Ford 4600

JD 4020

Kubota B6100 4WD w/ Ldr., 18 HP

(2) NH 489 Haybine

NH 782 Repossessed Harvester

(2) NI 323, 1R Late Model Corn Picker

Ford Combine 642 w/13' Grain Head

NH 513 Manure Spreader

NH 512 Manure Spreader

NH 667 Tank Spreader, 1 Yr. Old

IH 1150 Grinder Mixer

(2) Used Gravity Boxes

(2) Used Elevators Little Giant & JD

(4) Used Hay Rack Wagons

Gehl Used Chuck Wagon

Demo 316 Baler w/75 Thresher

Used Ford 3 PTH 72" Finishing Mower

Woods 72" Pull Type Cutter

Farmall Super M Ford 5000 Tricycle SOS Gas

Ford 555 TLB Cab Ford 555 TLB ROPS Brady 13' Stalk Shredder

We Ship Parts UPS Daily

CHARLES S. SNYDER INC.
RD3
Tamaqua, PA 18252
Phone: 717-386-5945

Hesston stack hand 10; NI corn picker, 2 row narrow, 12 roll husking bed; Stack mover. 301-797-5314

High clearance corn sprayer JD, \$8,500, Corn planter JD 7000, dry fert w/monitor, \$5,800; 2 row Holland transplanter, \$500, Aluminum irrigation pipe, 95 pieces, 6"x40", \$2.00 per ft. including couplings, 70 pieces 4"x40", \$1.50 per ft. w/ sprinklers. 609-429-5337

IH 1066 hydro, new rubber, field ready \$8,500 301-833-9091.

IH 2400 big round baler, good working condition \$2500 201-359-5934 eves

IH 2400 (IH 464) w/6 way blade, PS, 3 pt. ROPS, \$3,800 301-833-9091

IH 284 tractor w/rotary cutter, 1,800 hrs, \$5,000. 215-862-5261 or 215-862-2206

M & R EQUIPMENT, INC.

Ford New Holland Case-IH

Kubota

NEW EQUIPMENT

NH 455 Skid Loader IH 370 Disk
NH 520 Spreader 720 Plow 5x20" Bottoms
NH 256 Rakes 7 & 13' Chisel Plows
Case IH 2096 Tractor

Kubota Tractors

GOOD USED EQUIPMENT

IH 1066, w/cab, consignment, low hours
656 Farmall, exc. cond., WFE, 3 Pt. low hrs, consignment
720 IH Forage Harvester, consignment
NH 707 3 pt. Harvester, very good
NH L775 Skid Ldr., Gas
IH 1440 Combine, Axial Flow, 2 1/4 Seasons, Low Hrs., Excellent, late model w/electro-hydraulic controls
IH 303 Combine, both heads
IH 530 Manure Spreader, New Sides
IH 706 Farmall, Almost New Cab, Air, 3 Pt. WFE (Consignment)
AC 700 4-Row, No Till, Nice
JD 336 Baler w/Kicker
(2) IH 1190 Haybine
Plus Many Other Used Balers & Haybines
Many IH Conventional Planters
Many Used Forage Blowers
NH 354 & IH 1150 Grinder Mixers
New Sheller Unit For NI Pull Type Picker

M & R EQUIPMENT, INC.

New Park, Stewartstown, PA

PA 1-717-993-2511 1-717-246-1972

TRIPLE H EQUIPMENT

Peach Bottom, Pa.

717-548-3775 or 717-548-2094

Vermeer

(Financing Available)

- (1) 605 J Auto Weave
- (1) 9 ft. Disc Mower Conditioner
- (1) 503 & 504 I Balers
- (4) 107 No Till Drills (SCS Rental)



NEW VICON EQUIPMENT

★ Interest Free Walver Til June 1 To Qualified Buyers On Purchase Of \$3,000 Or More!

- (1) KM 321 Mower Conditioner
- (1) KM 281 Mower Conditioner, 9' 5"
- (1) KM 241 Mower Conditioner, 7'10"
- (1) OM 241 Mower Conditioner
- (1) RS 410 Tedder, 3 Pt. Hitch
- (1) LS 200 M Sprayer
- (1) LS 300 M Sprayer, 21' Booms
- (2) LS 400M Sprayers, 28' Booms
- (1) LS 870M Sprayer
- (3) LS 1410T Sprayers
- (2) LS 1910T Sprayers
- (1) LS 1410T Sprayer, Truck Mount
- (1) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
- 28 Seeder/Spreaders - All Sizes!

NEW MF TRACTORS

- (1) MF 240 Tractor
- (2) MF 1010 Tractors
- (1) MF 1030 Tractor
- (2) MF 1035 Tractors
- (1) MF 232 Loader & Backhoe

(7.25% Financing - 36 Months)

NEW H&S EQUIPMENT

- (1) 310 Manure Spreader
- (1) 125 Manure Spreader
- (3) 9x18 Bale Throw Racks, w/8-Ton Gears

(0% Interest Til 3/1/88)

USED EQUIPMENT

- 805 GT No Till Drill
- (2) 500 Gal. Century Sprayers
- 200 Gal. JD Sprayer
- 300 Gal. Walsh Sprayer
- 500 Agri-Tec Sprayer
- JD 1209 — For Parts
- Vicon 321 Mower Conditioner

IH Hydro 70 tractor, 3PT, 18 4x38 rubber, good hydro. 717-359-4383. Adams Co.

IH Model 656 dsl, WF, 3 pt., very nice condition \$3800 717-532-7054

Int. C135 power unit, JD 801, 3PTH for 50, 60, 70 or A or B, Holland 3 pt 2R transplanter; 8'x24' Diamond plate flat deck off tandem truck, HD, \$1300 or reasonable offer 301-834-6138.

JD 13 tooth chisel plow, 3 pt., new shovels, \$1,000; IH 470 foldup disc, 90% blades, \$2,000; Schuler 175-B feeder wagon, \$950; NH 36 flail chopper, used very little, \$1,000; JD 640 hay rake, rubber teeth, sharp, \$900 301-898-7426

JD 148 loader, 72" bucket w/forks, like new, \$2,850 Huntington Co 814-643-3079

JD 530 tractor with #45 loader, \$2,500 301-876-1956.

JD 54 manure spreader, \$375. 717-665-3860.

JD #5 7' sickle bar mower, hydraulic, \$210/OBO JD #5, \$70.; 3 new knife sections, \$15 each Must sell because association own rotary mower Perry Co. 717-789-3071

JD 720 diesel, pony engine start, NF, new rubber front & rear, 3 pt. hitch, remote hydraulics w/cylinder, looks & runs good, Asking \$2,750. Negotiable, Bedford Co 814-652-5661. Evenings & Weekends.

JD combine, 55 square back, gas, cab, 2RN corn head, 13' grain table, field ready Ha Co., MD. Call eve. 301-838-8032.

WE'RE TRUCKIN' IN THE OIL



As we near our 1988 Farming Season we would like to pass on to you the Truckload Oil Sale that John Deere has made available through us. John Deere oil is specifically developed by John Deere for use in your cars, trucks, and of course, farm equipment. We would like to ask you to please look and compare these prices. Also please note that there is no drum deposit.

ENGINE OIL	EACH
AR63218 #30 Qt.....	\$1.25
AR63219 #30- 5 Gal. Pail.....	\$21.00
AR63222 #30 - 55 Gal. Drum.....	\$195.00
TY6297 #15-40 Qt.....	\$1.25
TY6298 #15-40 - 5 Gal. Pail.....	\$22.50
TY6301 #15-40 - 55 Gal. Drum	\$205.00

HYDRAULIC OIL	EACH
TY6354 - Hy-Gard 1 Gal.....	\$4.99
AR69444 - Hy-Gard 5 Gal.....	\$21.50
AR69445 - Hy-Gard 55 Gal. Drum	\$200.00

NOW THRU DEC. 19, 1987

TRACTORS - NEW - DEMOS

JD 3150 MFWD,
4 Post, 95 HP

JD 2750 MFWD,
w/Roll Guard, 75 HP

Providing "Quality, Service & Price" For Nearly 100 Yrs



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(717) 354-4731

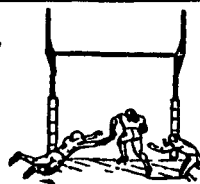
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CHECK THIS NEW IDEA SPREADER LINEUP!

FIRST STRING SALE PRICES

Don't Fumble This Opportunity To Score A GREAT DEAL!



BOX SPREADERS

MODEL 3609 2 Speed, 90 Bushel	\$2,325
MODEL 3615 2 Speed, 150 Bushel	\$2,775
MODEL 3622 2 Speed, 220 Bushel	\$3,495
MODEL 3626 2 Speed, 260 Bushel	\$3,995
MODEL 3632 2 Speed, 320 Bushel, Tandem Axle	\$5,035



SEE THE "NEW" SOLIDS II PLUS SPREADERS



MODEL 3816
1600 gal., 281 Bushel
\$7,395.00
The Only Semi-Solid
Spreader With Twin
Augers For Better
Performance!

CLEARANCE SPECIALS

MODEL 361- 2 Speed,
180 Bushel One Only **\$2,795**



ABC GROFF, INC.

MON-FRI. 7:30 AM - 5:30 PM
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Check With Us First!

Large Supply Of New Idea
Corn Picker And Manure Spreader
Parts - We Ship Same Day UPS,
PPSH, Air Freight, Etc.



End-of-Season SAVINGS

TRACTORS

• Ford 5000	\$4,500
• JD 2510 Gas.....	\$4,500
• JD 2630, 70 HP.....	\$7,500
• JD 2640, 70 HP.....	\$10,500
• JD 4010	\$6,000
• JD 3020, PS	\$6,500

TILLAGE

• JD 210 Disk Harrow, 11'5".....	\$3,250
• JD 115 Disk Harrow, 9'.....	\$2,950
• JD 1250 Plow, 3 Btm., 16".....	\$1,250
• IH 700 4 Btm. Spring Reset Semi-Mount.....	\$1,450
• IH 531 3 Btm. 3 Pt. 14".....	\$475
• Brillion Seeder, New	

SPREADERS

• NI 214 Endgate, Upper Beater	
• MF 205 Endgate.....	\$1,900
• Semi-Solid Spreader, Like New	\$4,800
• NH 790 w/Upper Beater	\$2,250

GRINDER MIXER

• NH 355 w/Mechanical Auger, 100 Bu.....	\$4,500
• Roskamp 9x24 Roller Mill w/100 Bu. Tank & Hyd. Auger (Demo Unit).....	\$7,995
• NH 354 w/100 Bu. Tank	

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NEW HOLLAND

NEW IDEA



USED EQUIPMENT

JD 2420 SP Windrower w/12' Platform

TRACTORS

IH 1066	\$ 8,900
IH 284 w/Rotary Cutter 400 Hrs.....	\$ 5,800
JD 8640 w/Folding JD 335 Disk	
JD 4630 w/duals, PS, engine overhauled.....	\$17,000
IH 350 w/Loader, NF.....	\$ 1,500
Ford 3000, reconditioned	\$ 4,500
Ford 2000.....	\$ 3,900
MF 1105 w/Cab	\$12,500
MF 165 Dsl.....	\$ 4,900
AC D14.....	\$ 2,500
Long 450 Dsl.....	\$ 4,500
JD 90 Skid Loader.....	\$ 4,000
Oliver 1855	\$ 5,500
Oliver 1650	\$ 3,900
IH 656	\$ 5,500
Ford 8N.....	\$ 2,900
Perguson 20 w/Woods Belly Mower.....	\$ 3,200

COMBINES

NI 801 Dsl. w/4WD 6R Head & 13' Platform	Coming In
NI 702 Power Unit w/710 Combine & Heads	\$ 4,500
JD 6620 Side Hill 215 Flex, Reconditioned	\$46,000
JD 444 Corn Head.....	\$ 4,500
JD 443 Corn Head.....	\$ 5,500

PLANTERS

JD 4RN Max Emerge.....	\$4,900
JD 7000, 4RW.....	\$ 4,200
(4) JD 6R Conv. Liquid.....	Starting at \$ 7,500

TILLAGE

IH 370 12' Disk	\$ 1,800
JD 1710 Mulch Tiller.....	Coming In
Assortment of JD & Ford 2-3 Bottom Plows	

HAY & HARVESTING

JD 54 Manure Spreader	\$ 1,800
MF Pull PT Type Sickle Mower	
JD 950, 12' Roller Harrow.....	\$ 3,500
JD 14T Baler.....	\$ 1,200
Gehl 1500 Round Baler	\$ 3,500
JD 894 Rake.....	\$ 500
JD 894 Rake.....	\$ 700
IH 720 Harvester w/2 Heads.....	\$ 2,900
NI 218 Spreader.....	\$ 1,900
JD 40 Spreader.....	\$ 1,600
NI 12A Manure Spreader.....	\$ 900
NI 200 Bushel Manure Spreader.....	\$ 1,500

Used Mordge 400
Dryer, Loading Hopper
& Cleaner

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone: 717-362-3132



USED EQUIPMENT

HAY EQUIPMENT

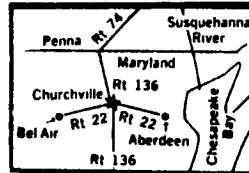
NH 320 w/70 Thrower, Hyd. Tension, Exc. Cond.....	\$6,950
NH 320 w/Quarter Turn Chute	\$3,300
NH 320 w/Quarter Turn Chute, Like New	\$5,000
NH 67 w/53 Thrower, Field Ready.....	\$1,500
IH 430 w/Thrower, Hyd. Direction	\$1,350
NH 850 Round Baler, 1500 Lb. Mech. Tie	\$3,400
NH 469 Haybine, Field Ready.....	\$1,800
NH 479 Haybine.....	\$1,900
NH 55 Rake, Hitch, Steel Teeth.....	\$1,075

MISCELLANEOUS EQUIPMENT

NI 214 Spreader, Hyd. Endgate, New Chain	\$1,500
Woods C80 Mower, 3 Pt. Chain Shield	\$1,195
Woods C114 Mower, Sod Tires, 9'6" Cut.....	\$1,750
JD Sickle Bar, 3 Pt., Spring Trip.....	\$895
IH Model 50 Stalk Shredder, 12 1/2' Cut	\$1,595
JD 210 Disc Harrow, 12' Cut, Scrapers	\$2,500
JD 340 Offset Disc, 12' Cut, Cylinder & Hoses	\$3,200
JD 6x16 Plow, Auto. Reset, On Land	\$1,250
Shaver H8 Front Mounted, Post Driver..	\$695
Berthoud Air Blast, 110 Gal., Row Crop Head.....	\$2,595
AgriTech Air Blast, 50 Gal. Tank, Engine Driven.....	\$1,195

Walter G. Coale, Inc.

2849-53 Churchville Rd.
Churchville, Maryland
Call Ray, Ed, Jeff or
Bill at 301-879-1491
or 301-838-6470
★SALES★PARTS★SERVICE



USED FARM & LAWN EQUIPMENT

JD 10 ~~SOLD~~ Rear Bag	
JD 210 w/38" mower	
JD 21 ~~SOLD~~ 46" mower	
JD 116 w/38" mower & rear bags	
JD 116 w/46" mower w/Power-Flo collection system	
JD 318 w/46" mower	
JD 332 diesel w/50" mower, 70 hours	
JD 420 w/50" mower	
JD 38" & 46" rotary mowers for JD tractors	
JD 80 1-row cult., 3 pt.	
AC 48" rototiller 3 pt. Cat. 0 hitch	
JD 448 rot ~~SOLD~~ , 3 pt. Cat. 1 hitch	
JD Tilt Dump Collection System	
York RM 6' rake, 3 pt. Cat. 0 hitch	
One btm. Brinley plow w/sleeve hitch	
JD 261 60" 3 pt. grooming mower	
Herd F160 Spin Spreader 3 Pt.	
NH Model 25 Forage Blower	
JD 227 Corn picker for JD 50-60 tractors, good cond.	

Fall Sale On The Following New Equipment
JD 650 - 750 - 850 - 950 Tractors
Plus additional discounts up to \$500
In lieu of waiver
OR

0% Financing for 9 months*
OR

7 1/2 % Financing up to 60 months* * With DCS Approval	
JD 655 2WD w/50" mower, turf tires, one only.....	\$7,595
Bush Hog SQ60, 5' pull type rotary cutter.....	\$750
Hardi 25 gal. 3 pt. sprayer w/hand gun.....	\$560
Hardi 80 gal. 3 pt. sprayer w/20' boom & hand gun	\$965

New Holland Round Balers Offer Unmatched Capacity In All Crops & Conditions.

Plus Each Baler Is Backed By A 2 Year/5,000 Bale Chain Replacement Policy!

NH MODEL L848 ROUND BALER w/Memory Wrap & All Other Popular Options



- 850 Lb. Bale
- 4'x4 1/2' Bale

SALE PRICE.....\$9,595

CASH
DISCOUNT - \$600
CASH
PRICE.. **\$8,995**

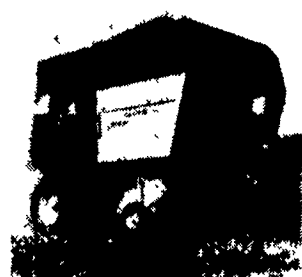
NH MODEL 853 ROUND BALER w/Bale Command & All Other Popular Options



- 1200 Lb. Bale
- 4 1/4' x5' Bale Demo

SALE PRICE.....\$11,100
CASH
DISCOUNT - \$600
CASH
PRICE.. **\$10,500**

NH MODEL 855 ROUND BALER w/Memory Wrap, Loaded w/Extras



- 1700 Lb. Bale
- 5 1/2' x5 1/2' Bale

SALE PRICE.....\$12,595
CASH
DISCOUNT - \$600
CASH
PRICE.. **\$11,995**

In Lieu Of Cash Discounts:

- FREE FINANCE on HAY EQUIPMENT To June 1, 1988
- FREE FINANCE on FORAGE EQUIPMENT To August 1, 1988

— OR —

- 0% A.P.R. FINANCING - 12 Mo.
- 5.9% A.P.R. FINANCING - 24 Mo.
- 8.9% A.P.R. FINANCING - 48 Mo.

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SINCE 1890

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Case 580-C
Wheel Loader
Backhoe
\$15,000

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ALLIS****NEW TRACTORS
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HP, Cab, Air, Heat

**SPECIAL OF
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Deutz-Allis 6275,
73 HP Dual
Remotes
12F-4R Trans.
Cash/No Trade
\$15,900

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Trans.
Deutz-Allis 6265, 65
HP 12F-4R Trans.
SM70 RC Disk Mower.
Conditioner 10½"
SM40CR Disk Mower
Conditioner
KH-500 17' rotary
tidders
KS-85DN 9'10" rotary
rake
KS-150AS 10'10" rot-
ary rake

**USED TRACTORS
& EQUIPT.**

DX-160 Radials, Cab,
Air, Heat

Call For
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Stadco**Equipment**

Deutz-Allis 6250, 50
HP, Dual-Split
Trans.
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Ephrata, PA 17522
CALL TODAY
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USED EQUIPMENT**TRACTORS**

WD Allis Chalmers
8N Ford
Ford 420 Ind. w/Loader

PICKERS

NI 323

GRINDER MIXERS

IH 1250

HAY TOOLS

NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 278 Baler w/Thrower
NH No. 8 For. Box
NH 55 Rake
NH No. 25 Blower

PLANTING & TILLAGE

White 5100 No Till 4R
Planter
Case 7' Soil Controller
Oliver Superior No. 26
Grain Drill
Int. 630 10 Ft. Offset
Disk Harrow

SPREADERS

NH 519 w/Hyd. Endgate
NI 214, 3 Beater
NI 214, Single Beater w/
Hyd. Endgate
JD Tank Sprayer

LAWN & GARDEN

Kubota 6100 4WD w/
Mower

NORMAN D. CLARK & SON

Honey Grove, PA 17035

717-734-3682

Located 14 Miles South of Port Royal
on Rt. 75

USED EQUIPMENT**TRACTORS**

JD 3020 w/Loader
Farmall Model A and Sickle Bar
Farmall F460
IH 674 Diesel Cub 154 w/Mower
IH 1466 Diesel Cub 184 w/Mower
IH 284 Gas Cub w/C3 Mower

EQUIPMENT

Papec Forage Harvester and Hay Head
IH 1190 Mower Conditioner
NH 469 Mower Conditioner
Kuhn GRS25 Rake-Tedder
NH 27 Blower
Easy Trail 300 Gravity Box
Easy Trail 1074 Running Gear
NI 224 Spreader
NI 245 Spreader, Clean
NI 214 Spreader
NI 217 Spreader

New Weathered Case IH
Model 4511 Vibra Shank 11½ Ft.
List Price \$3,134

Sale \$1,750

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Rising Sun, Md.
301/658-5531

**SAVE 50% USED
COMBINE PARTS**

Engines, Tires, Wheels, etc.
Hundreds of machines in stock.
Used corn heads (narrow and wide) and grain
platforms.
Stock Parts AC 60, 66, 72, A, A2, E, E3, C2, K,
K2, F, F2, G, M, M2, L, L2.
JD 40, 45, 55, 95, 105, 3300, 4400, 6600, 6620,
7700, 7720
IH 80, 82, 105, 205, 203, 303, 403, 503, 315,
615, 715, 815, 915, 1440, 1460
MF 82, 35, 300, 410, 510, 540, 550, 750, 760
NH-TR Series
Oliver-White 525, 535, 7300, 8600 Plus more.

PROMPT SHIPPING**MID-EAST COMBINE
SUPPLY, INC.**

Eden, N.C.

919-627-4470

New MF 1144 corn head, \$8,500
New Mitsubishi MT160 4WD Tractor
Used MF 2 & 4 row corn heads
Used 1977 MF 750 combine, 1,405 hrs. w/grain
table, \$15,000
Used MF 150 tractor

No Reasonable Offer Refused!
Many misc. & accessory items.

25% Discount On All
Parts In Stock Only
Cash & Carry - No Credit
Will Ship COD

Low Bank Financing Available**ABRACZINSKAS
Farm Equipment, Inc.**

RD1, Catawissa, PA.
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(1 mile south on Route 42
on top of the hill)



MASSEY-FERGUSON
Where farmers' ideas take root.

**RINGTOWN
FARM EQUIPMENT****NEW EQUIPMENT**

1896, ROPS
1594 w/cab
1394 w/loader
235, 4WD
245, 2WD
275, 2WD
385, w/ROPS
370 disc, 11'6"

IH 6500 Conserilli
800 Cyclo planter, 4R
900 Cyclo planter, 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill
18x7 Comb.
IH 4600 Vibra Shank

475 Disc
17'5"
Priced
to move

Ford 8N,
New Paint,
Gd. Tires.
Runs Well.

**USED
EQUIPMENT**

IH 1150
Grinder Mixer
Good
Mechanical
Condition

IH 1256 Tractor
500 Crawler R/C
Farmall H
Farmall C
IH 45 Baler
MF 125 Baler
w/thrower
NH 269 Baler
w/thrower
JD Hay Rake
Dunham Lehr Cult-
mulcher 12'2"
Demo. Unit
Haines bulk bodies

Mechanical trans-
planter
IH forage blower
IH 4 btm. semi-mtd.
plow
MF 82 Combine 13'
Grain Head
Haines Stone Pickers
(2) IH 234 Corn
Pickers
NH 352 Grinder Mixer
IH 455 Corn Planter
IH 400 Cyclo Planter
IH 181 Rotary Hoe,
15' Demo

Case

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RD 1, Ringtown, PA
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Since 1949

New
Case IH
Tractor
Sale



List Price Cash Sale
Price Price

Model 485 42 H.P., 1st aux. valve, underslung
Muffler, 750x16 front tires, 14.9x28 rear tires,
front weight bracket.....\$16,495 ... \$11,450
Model 685 62 H.P. forward & reverse shift,
2nd aux. valve, 18.1 GPM hydraulic pump,
telescoping lower links, 54/1000 PTO, engine
coolant filter, 750x16 front tires, 16.9x30
rear tires, front weight bracket.....\$22,763 ... \$15,700
Model 1494 75 H.P., 12 spd. power shift,
4WD, 13.6x24 front tires, 18.4x34 rear tires,
dual aux. valve, 54/1000 PTO, front
wheel bracket.....\$32,255 ... \$21,975

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Irrigation, Waste Water, Liquid
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Manure Chopper,
Pulverizer & Mixer.
Mounts on your pump.
SAVES Many Hours &
PROTECTS pump.

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CHAMPION, SHUR-RANE, McDOWELL,
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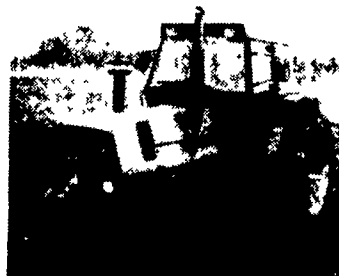
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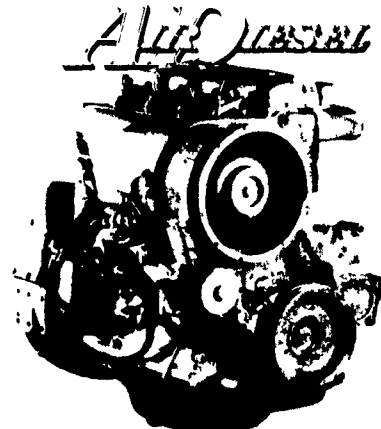
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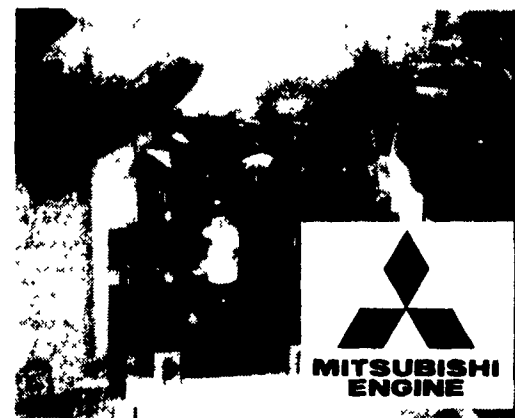
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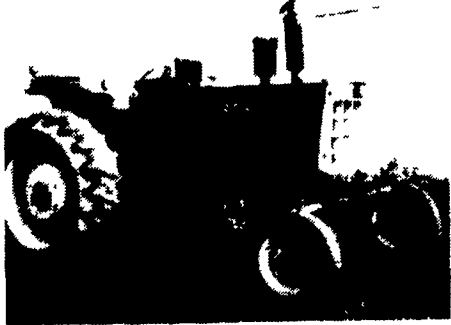
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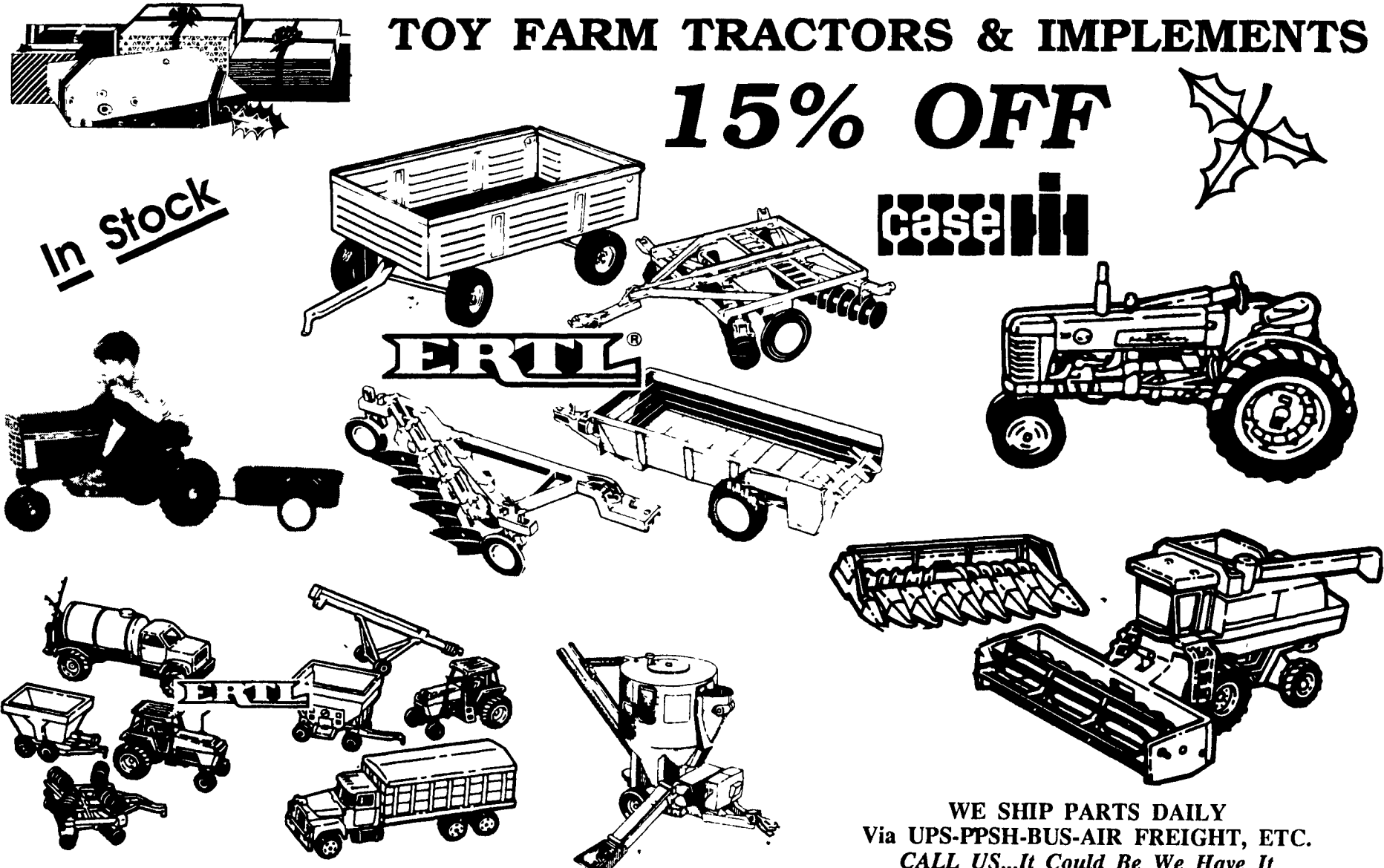
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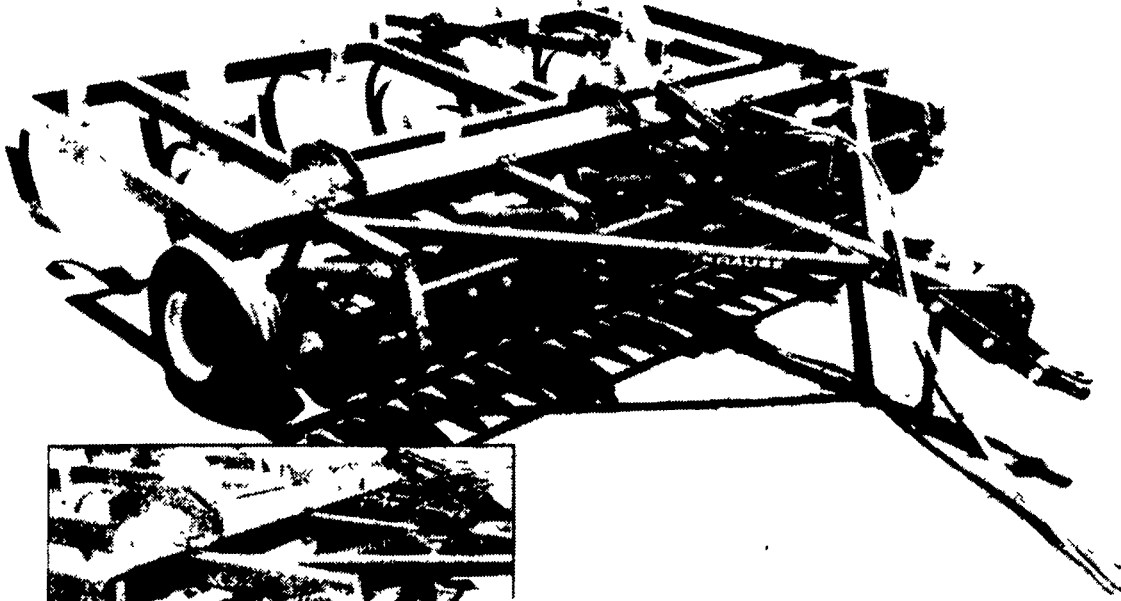
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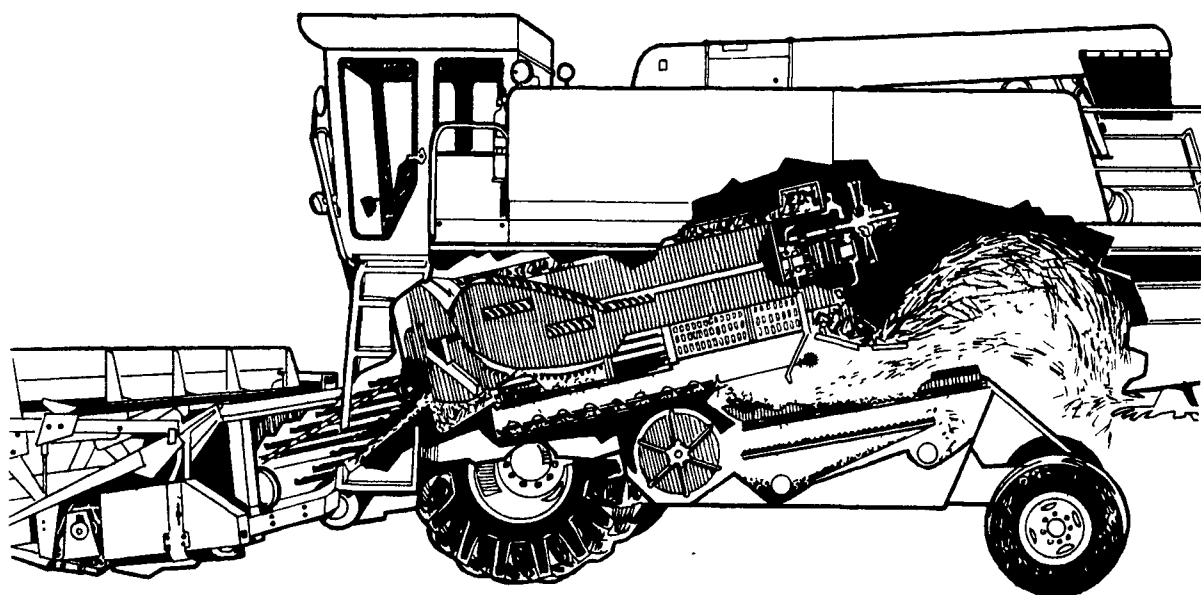
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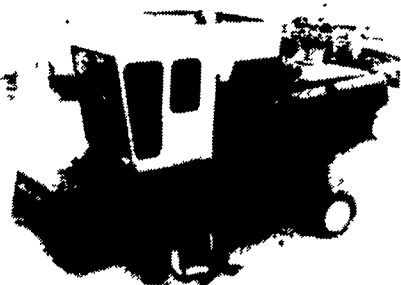
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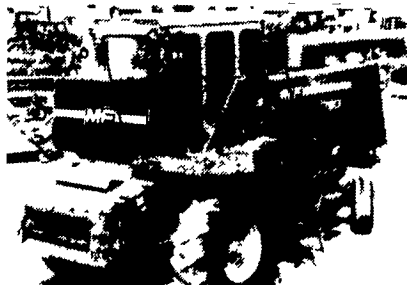
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USED COMBINES



IH 715 Diesel Gear, 23.1x26 Tires (U1849)



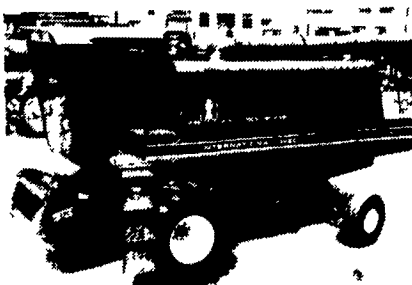
MF 750 Combine, 23.1x30 Tires, 1390 Hrs., AC, Clean (U2890)



John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)



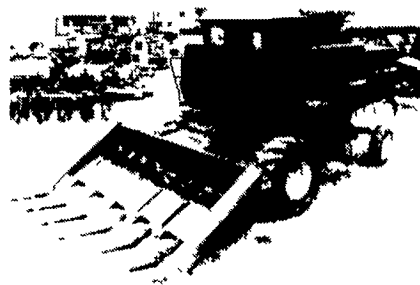
John Deere 6620 Sidehill, Diesel, Hydro, 1200 Hrs. (U2121)



IH 1420 Combine, 23.1x26 - 60%, 665 Hrs. (U2871)



JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)



JD 6620 Sidehill, 28Lx26 Tires, Hydro, Diesel, Grain Loss Monitor, 2446 Hours, 1983 (U2255)



IH 815 Diesel, Hydro, 23.1x26, Cab w/AC (U1362)



New Idea 708 Uni-System, Hydro, AC (U2730)

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MF 510 Diesel, Gear, 18.4x26 Tires, AC (U1992)



IH 915 Combine, Hydro, AC, 28Lx26 Tires 85% (U2742)

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AC Gleaner N5 Combine w/Mud Hog 4WD, AC, 24.5x32 Tires (U2888)

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- IH 715 Diesel, Hydro, 1976, 23.1x26 Tires, 1224 Hrs., A/C (U2113)
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- IH 715D Hydro, 18.4x26, Monitor (U7818)
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- Gleaner G, Gear, Cab, Diesel w/4 Row Cornhead, 13' Platform (U1369)
- MF 510 Diesel, Gear, 18.4x26 Tires, AC (U1992)

- JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)
- IH 203 Combine, Gas, Gear, Cab, 2 Row Cornhead (U1205)
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JD 4020 diesel, synchro range with
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JD 3960 harvester, b.u. only, \$4,800
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NI 323 corn picker, \$1,650
NI 323 Corn Pickers, \$1,000
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NH 354 Mixer, excellent
Owatonna 432 grinder mixer,
hydraulic, \$2,950
Owatonna 420 grinder mixer, nice,
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Gehl 100 gr~~solid~~ mixer, hydraulic,
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Glencoe 14', 3 pt. field cultivator
Int. 710, 5x18 Spring reset plow,
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NH 467 haybine, \$1,400-\$1,800
NH 489 haybine, \$3,200
Int. 1190, 9' haybine
JD 640 hay rake with dolly wheel,
\$900
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MISCELLANEOUS
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JD 720 Diesel Farmall Super C
JD 520 Gas Massey Harris
JD 4010 Diesel Pony
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Farmall 300 AC D15
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JD 3300 w/Cab. Gas Coming In
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JD 7000 4 Row Planter, Liquid
Fertilizer & No-Till \$5,800
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Roof and 3rd Beater \$2,750 ea.
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Bush Hog 15' Wing Mower
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Hawk Bilt 357 Tandem Spreader
NH 676 Tandem Spreader
NI 206 Ground Drive Spreader
Vermeer Rd. Bale Unroller
Industrial SP Ditching Machine
Kuhn FC300 Disk Conditioner 10'
Kuhn FC 250 Disc Conditioner 8'
Kuhn 6' Sickle Bar
Woods 6' Hydraulic Boom Mower
Fox 3000, 2R Head
Bush Hog Soil Hog 7 Shank Chisel
Plow
15 Shank Flat Fold Chisel
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NH 315 SS Baler Exc.
NH 30 ft. Elevator
NH 679 Spreader Ex.
Butler 280 Ensilmixer
Stainless Steel Lined
NH 27 Blower
NH 1495 Haybine, Cab, Air
NH 479 Haybine, Excellent Condition
NH 425 Skid Loader

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NH 469 Haybine
UB0114 NH 479 Haybine
UB0134 NH 479 Haybine
NH 495 Haybine - Nice
UB0090 NH 1495 16' Planetary Dr. w/Partial Cab
Hesston 1090 Haybine

BALERS

UB0131 NH 320 Baler w/#70 Thrower
NH 275 Baler w/Thrower
NI 404 Wheel Rake
Ford Baler w/No Thrower

UNI EQUIPMENT

UA0055 766 Hay Pickup
UA0056 763 3 Row Chopper Head
UA0012 760 Uni Harvester
766 Uni Hay Pickup
2- 762 2 Row Chopper Head (38")
UB0041 741 Feeder House (As Is)

PULL TYPE HARVESTER & HEADS

UA0040 NH 880 R-2 2 Row Corn Head (38")
UA0064 NH 717W Hay Pickup Head
UA0030 NH 741 1 Row Corn Head
NH S717 Forage Harvester w/1 Row Cornhead
NH 890 Harvester w/880 W Pickup And 880 N-2 Cornhead
NH 770 Harvester w/Heads
JD 35 Harvester w/Heads

MISC.

UC0039 NI 213 Manure Spreader w/Hyd Endgate
NI 214 Spreader w/Hyd. Endgate
UB0106 M&W 12' Field Cultivator
Int. 550 Manure Spreader w/End Gate
Gehl FB88 Forage Blower
NH L35 Skid Steer Loader
NH L-778 Skid Loader, Diesel
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MF 81 Haybine

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JD 2550
JD 2520 G
JD 2150
JD 4430 w/4 Post RG
JD 6RN 7000 Planter w/Dry Fert. & No-Till
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 24T Baler
JD Transport Disc
JD 66 Blower
JD 3B 125 Plow
JD FBB 13x7 Drill
JD Fert. Fill Auger For JD 6RN 7000 Planter

OTHER USED ITEMS

Ford 4B Reset Plow
Ford 3B Trip Back Plow
NI 208 & 213 Manure Spreaders
(2) IH 440 Baler w/Thrower
Hesston 420 SP, 1014 & 1090 Mower Conditioners
Lilliston No-till Drill
IH 881 Forage Harvester
Gehl 600 Harvester w/3 Heads
Bobcat 530 Skid Steer Loader
Bobcat 500 Skid Steer Loader
Bobcat 610 Skid Steer Loader
IH 800, 6RN Planter
Hesston Stacker
Gehl 99 Blower

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2155
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Balers: 327, 337
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NH 469 Haybine
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AC 7000
AC 7020
AC 7040
AC 7060 w/Ldr
MF 2745
MF Pony
AC 5050 w/Ldr
AC 200 w/Cab

FORAGE EQUIPMENT

NH 1880, No Heads
NH 919 N4
NH 892 w/4 Heads
NH 770 w/WPU
NH 890 w/880W & 822
Hesston 3RN
(2) NH 30 Blowers
JD 3960 w/3RN & WPU
Field Queen w/3RN, 2RW & WPU
NH 900, 2R 30" Snapper Head
NI 703 Gas Uni System

MOWERS

Kuhn 7'10" Disk
Triumph Sickle Bar
JD
NH 463 Disk
NH 462
Bush Hog 307

PLANTERS

IH 4R
AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
AC 333, 6RN

LAWN & GARDEN

Yazoo
Cub 1450
Bolens w/44" Mower
Case 446 w/Mower
AC 410 Tractor w/Plow
AC 830
AC 712 H
Homesteader 208
JD 112
AC B112
HB 212
IH 284 **SOLD** Mower
IH 1200
IH F Cub
AC 620 w/Mower

MOWER CONDITIONERS

IH 1190
JD 1209
NH 489
NH 488

BALERS

AC 303 w/Thrower
NH 278 w/Thrower
NH 315 w/o Thrower
NH 276
NH 282 w/62 Thrower
NH Super 67 without Thrower
NH 315 w/70 Thrower
Hesston 4800

MISCELLANEOUS

(2) NH 445 Skid Loader w/ Buckets
Brillion Pulverizer
AC Disk
Brillion Cultimulcher
NH 1044 Bale Wagon
NH 390 Tub Grinder
NI 329 Super Sheller
Case Hammer Mill
Westgo Hyd. Rock Picker
NH 555 **SOLD** Ldr.

COMBINES

AC M2, 6RN 15' Grain Head
AC F w/**SOLD** Head
AC C II w/2 Heads
AC G440 Corn Head
AC 430 Head
AC 6RN Head for M2 Combine

SPREADERS

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JD 2600, 4B Plow
Case 5B Auto Reset Plow
Brillion 24' Harrow
MF 4R Cultivator
NH 36 Crop Chopper
IH 37 Baler
NH S69 Baler
NH 320 Baler w/70 Thrower
Ford 501 Mower
Hesston PT10 M Conditioner
IH 1190 M Conditioner
NH 469 Haybine
IH 56 Blower
NH 27 Blower
Gehl Blower
Fox Blower
Herd Fertz. Spreader
Badger 14' Forage Box
IH 720 Harv. w/2 Heads
JD 90 Skid Loader
IH Super A, WF



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IH 244 FWD		IH 385 w/Loader	

NI 708 UNI-SYSTEM, HYDRO DRIVE
w/717 COMBINE, CORNHEAD
& GRAINHEAD

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GEHL, I.H., N.H.



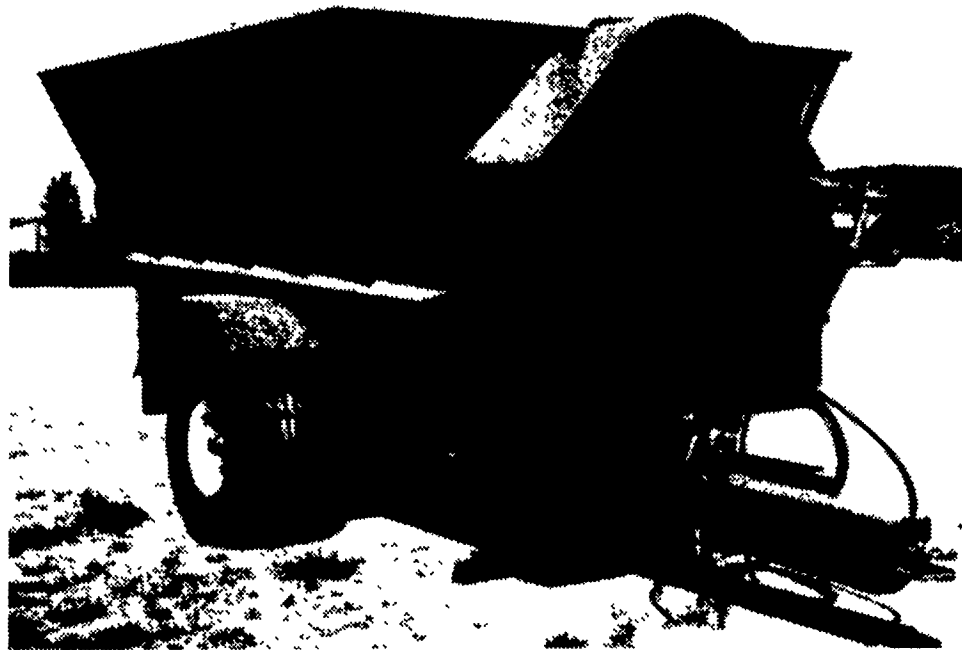
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JD 4320 dsl.
JD 4430 4 post, quad
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JD 4020 Dsl., Side Console
Ford 9700 w/Roll Guard
Ford 7700 w/cab & Heat
Ford 7700 cab & air, 2500 hrs.
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Ford 4000 Gas, 8 sp.
Ford 6600 Dual Power
Ford 3910 (New)
Ford 3600 D. 1700 Hrs.
Ford 3000 G, P. Steering
Ford 960, WF, P. Steering
Ford 861 G, P. Steering
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AC D17, P. Steering

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IH 10' Disk
White 3X Semi Mount Plow
Ford 151-416 Plow
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PICKERS

NI 325, 2RN 12 Roll Bed
NI 323, 1 R
NI #10, Original

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NH 315 w/Thrower
NH 847 Rd. Baler w/Auto.
Wrap, Very Nice
NH 56 Rake
NH 55 Rake
JD 483 Haybine
NH 489 Haybine
NH 488 Haybine
NH 477 Haybine
NH 273 w/Thrower, excellent
JD 336 w/Ejector

USED FORAGE EQUIPMENT

JD 3960, elec. controls
NH 892 w/880 N2 Head,
880W Head, elec. controls
NH 892 w/824 Head, Elec.
JD 35 w/both heads, very nice
Gehl CB800 w/late style 2R
Fox Super D, 3RN, Det. D.
Gehl FB88 Blower
Gehl 940 3 beater w/roof
Dion 2 beater wagon
Dion 3 beater w/roof

SPREADERS

NI 218 Spreader w/Gate
Kasten 250 Spreader w/Gate
NI 214 Spreader w/Gate
NH 679 Spreader w/Gate
NH 680 Spreader w/Gate

MISCELLANEOUS

MF 92 SP Combine w/12' G.H.
Ford 1200 Ldr., Fits 3000
Gehl 100 Grinder Mixer
18.4x38 Axle Mount Duals
For Ford

JD 650, Turf Tires
JD 655, Turf Tires
JD 750, 4WD
JD 755 4WD
JD 855 4WD
JD 850, Turf Tires
JD 850, 4WD
JD 1050, 4WD
JD 2355, 2WD

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NEW EQUIPMENT

NH 848 Round Baler
NH 853 Round Baler
NH 304 Manure Spreader
NH 514 Manure Spreader

USED EQUIPMENT

NH 1495 Haybine w/Partial Cab, Gas
(2) NH 479 Haybines
NH 320 Baler w/Thrower
NH #30 Blower
NH 791 Manure Spreader
NH 354 Grinder Mixer
NH 351 Grinder Mixer
NI 325 Picker w/327 Husking Bed,
excellent condition
NI 484 Round Baler, excellent condition

NI 325 Picker w/327 Husking Bed,
excellent condition
NI 484 Round Baler, excellent condition

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FARM & LAWN EQUIPMENT NEW EQUIPMENT

Deutz Allis 6250, 4WD
Deutz Allis 6265, 2 WD w/Cab (Demo)
Deutz Allis 6275, 2 WD w/ROPS
Deutz Allis 6070, 2 WD

USED EQUIPMENT

Ford 9600 Tractor
702 Uni Tractor
Farmall Cub Tractor
NI #10 Corn Picker
2B 14" 3 PTH Plow
JD 45 Combine
NIH 270 Baler
Northwestern 81D Skid Loader
Oliver 10' Disk Harrow
IH 440 Baler
NI 299 Mower Conditioner
Oliver 1850, 4 WD Tractor
Farmall M
AC ~~SOLD~~ WC Tractor w/Cultivator
Case Stalk Shredder
Badger 200 Manure Spreader
IH 430 Baler
Gehl Hi Throw Blower
IH 56 Corn Planter
IH 51 Forage Wagon
MF #33, 17x7 Grain Drill
JD Wheel Rake
NI 218 Spreader
Coby Tandem Axle Spreader
JD 4B Trailer Plow
NI 214 Manure Spreader
NI 218 Manure Spreader
NI 224 Manure Spreader

Coming In...

SP IH 225 Mower Conditioner
NH 495 Haybine

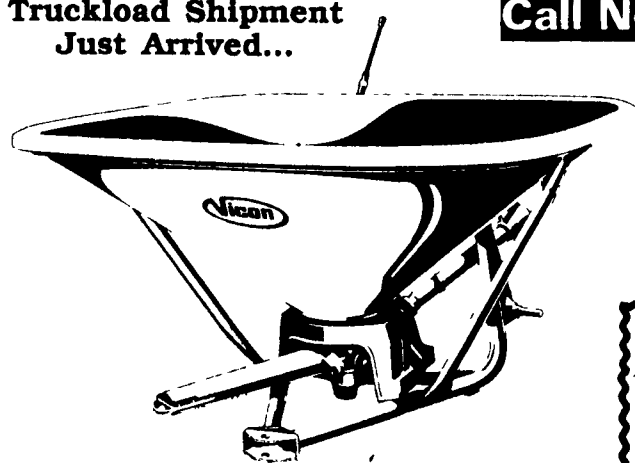
"Badger Farm Equip. Parts & Service"
Tanaka Chain Saws & Weed Cutters



SEEDER - SPREADERS

Seeder / Spreaders With A Wider Range!

Truckload Shipment
Just Arrived...



Join the **Vicor** revolution

FALL SALE

Call Now For Special Fall Discounts

Over the past two decades Vicor pendulum action seeders/spreaders have become an integral part of the farming scene. Now Vicor Vari spreaders are entering a New Dimension - a completely new range of spreaders featuring a characteristic new design and incorporating the latest technology to give the accuracy and reliability demanded by today's profit conscious farmer. Pendulum action gives the advantage of accuracy on sloping ground as well as on the flat coupled with the ability to spread all types of solid fertilizer, chemicals, seeds, powders and lime.

New Models In Stock Feature
Vicor's Reliability You Depend On
And New Larger Capacities!

TRIPLE H EQUIPMENT

Peach Bottom, Pa.

717-548-3775 or 548-2094

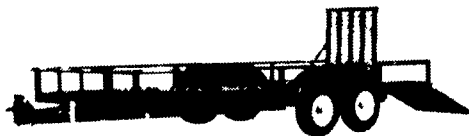


INTERNATIONAL TRAILER CORPORATION



UTILITY (TILT MODEL) - Fabricated from the highest quality steel and component parts. These trailers standard features include 15" White Spoked Wheels, New tires, 2" coupler, and safety chains.
AVAILABLE SIZES: LENGTH: 8 to 12 feet WIDTH: 60 to 76 inches
GVW: 3,500 lbs

Largest manufacturer of a complete line of trailers, utility, construction, and goosenecks. QUALITY, WORKMANSHIP and DESIGN are the three most obvious components in these trailers.



UTILITY - Fabricated with rectangular tubing and angle, these trailers are available in most sizes to meet all your hauling requirements.
AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH: 76 to 83 inches
GVW: 7000-12,000 lbs TIRES: 700-15 LT



UTILITY (FLAT BED) - Fabricated from 5"x3" angle, with heavy duty wrap-around tongue, 2-5/16" coupler, and self storing 80" long ramps.
AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 7' WIDE x 18' LONG
GVW: 8000 lbs. TIRES: 700-15 LT

NEW 3 PT. FARM EQUIP.

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 6'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Wood Saws
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 4'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- PTO Winch
- 8 Ton Wagon Gears

CONSTRUCTION (LOW DECK) - Fabricated from 6"x3 1/2" angle, 3" channel crossmembers, 5" channel heavy duty wrap-around tongue with four position adjustable hitch, diamond plate fenders, and 56" long attached ramps.

AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 7' WIDE x 18' LONG
GVW: 8000-12,000 lbs TIRES: 750-16



GOOSENECK TRAILERS - Gooseneck feature is available on Flat Bed Deck Over Models and on Utility Models with tubular side rails. All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over Models.

AVAILABLE SIZES: LENGTH: 18 to 28 feet
WIDTH: 76 to 96 inches
GVW: 12,000-18,000 lbs TIRES: 750-16 LT



CONSTRUCTION (DECK-OVER) - Fabricated with 8" channel main frame, with 4" and 5" channel crossmembers. All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack.

AVAILABLE SIZES: LENGTH: 18 to 24 feet WIDTH: 8 feet
GVW: 12,000-24,000 lbs.
Eight (8) lug brake axles with 750-16 tires.

DEL: Fieldsboro Auto, Inc.
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MD: Finch Services, Inc.
301-848-7211
MASS & CT - Piccoli Equip.
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NY: Goodrich Trailer Sales
607-642-8688
NJ: Gruno's Farm Machinery
609-859-2381
MAINE & NH: Bill Thoms
603-447-3417

MASSEY-FERGUSON
Where farmers' ideas take root.

USED EQUIPMENT

MF 50 Tractor
MF 150 Tractor
MF 1130 Tractor
MF 275 Diesel Tractor
MF 2675 Diesel Tractor
103 HP.
MF 750 Combine
MF 760 Combine
MF 66 Plow
MF 57 Plow
AC 6080 Tractor
Farmall Super C w/
Implements

NEW EQUIPMENT

MF 1010 Tractor } Eligible
MF 1020 Tractor } For
MF 1030 Tractor } 3.9%
MF 1035 Tractor } Financing
MF 1045 Tractor }
MF 144 4 Bot. 16" Plow
NI 660 For. Harv.
NI Spreaders
Snapper Mowers
Ag-Tech Pre-Seeder
Brillion Grass Seeder
Brillion X-Fold Pulveriser
Woods Mowers

USED NEW IDEA
323 1-ROW
PICKER
• Ex. Condition

Wheel Horse

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Tractors

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NEW IDEA

USED TRACTORS

JD 4430, cab & air, PS, sharp...\$12,500
JD 4430 cab, 2 hyds. 3600 hrs...\$12,000
JD 2940, HI-LO 2 hyds...\$11,800
JD 4630, cab, air, PS, trans...\$11,800
JD 4030 QRSOLD, 2438 Hrs...\$9,800
JD 2840 w/JD Cab, low hrs...\$9,500
JD 2840, 2600 hrs., nice cond...\$9,250
JD 4230, SR trans., 4-post, 1977...\$9,200
JD 4230, QR trans., fenders...\$8,800
JD 2640, live shaft, low hrs., nice...\$8,400
JD 2840 w/Hi-Lo, 2 hyds., nice...\$8,200
JD 4620 SR trans., overhauled...\$8,200
JD 4030 QR, cab, 2 hyds., nice...\$8,000
JD 4320 w/new motor, good...\$7,800
JD 4320 w/ySOLDund cab...\$7,500
JD 251, no-till drill, like new...\$7,200
JD 2630 Dsl., live PTO...\$7,200
JD 4000, 1972 Model, Nice...\$7,200
JD 4000 dsl., WF, SR trans...\$7,000
JD 4320, WF, 1972, Nice...\$6,800
JD 4000 WF, SR, new paint...\$6,650
JD 2030 HI-Low, 2503 Hrs...\$6,500
JD 2120 dsl., live PTO, 65 HP...\$6,200
JD 3300 dsl. combine, late mod...\$5,500
JD 4020 Dsl., 1966, w/front...\$5,500
JD 330 Dsl. lawn tractor w/mower...\$4,250
Brand new JD 148 Loader...\$3,000
Cab Off JD 2550, 2 yrs. old...\$1,250
JD WFE w/traSOLDw/wheels...\$1,000
NH 469 Haybine, field ready...\$950
M&W Turbo charger for JD 404...\$800
Cab for JD 4020...\$500
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18x4x34 Snap On Duals...\$350
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Wagon Gears & Forage Wagons
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Bodies & Country Boy Gravity Bins

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Shippensburg, PA
717-532-8601 Can Finance

1 FARM EQUIPMENT

(2) IH 1486 Tractors
IH 1086 Tractor
IH 966 Tractor
IH 766 Tractor, low hrs.

Used IH Grinder Mixers:
Model 1250, 1150 and 105

710 Automatic 5, 6, and 7X Plows.

470, 18' Wing Disk

(8) Used Manure Spreaders

Hetrick Farm Supply

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FOR SALE

(2) NH 1033 bale wagons,
\$4,500 to \$5,000
(2) NH 1032 bale wagons, \$4,500 each
(1) NH 1030 bale wagon, \$2,750
(1) NH 1034 bale wagon, \$6,250
(2) NH 1046 self propelled bale wagons
\$6,500
(1) NH Super 1049 bale wagon, \$15,000
(1) NH 1069 diesel bale wagon, \$30,000
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For The Right Time To Buy. The Time Is NOW!

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“Come In Now And Save!”

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IH 784 D, like new!
IH 1466 D, w/Cab
IH 856 D
Farmall 1066 D w/Cab
Farmall 460 D
(2) JD 4020 D
JD 3010 D
JD 720
JD 60
Oliver 1950D
Oliver 1755 D
Oliver 1550
Oliver 500 D
Ford 801D w/Loader
AC 7080 D w/Cab
AC 7050 D w/Cab, Air/Heat
AC 7030 D w/Cab, Air/Heat
AC 210 D
AC 190 D, Excellent!
(2) AC D19 D
AC D19
AC D17 D
AC WC
AC CA

TILLAGE

Oliver 6B Plow, Semi-Mount
(2) MF 4B 3 Pt. Plow
Ford 3B Plow, 3 Pt.
JD 1000 12' Disc w/Trans.
Harrow
IH 11' Transport Disc
IH 11 Shank Field Cultivator, 3
Pt.
JD 17 Disc Grain Drill
Brillion 961 8' Seeder, Pull Type

COMBINES

AC Gleaner L2 D w/Cab & 16'
Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab,
Air, 13' Grain & 430 Corn
Heads
(1977) AC Gleaner F2 D w/13'
Grain & 438 Corn Heads
AC Gleaner Ew/Cab, 13' Grain &
238 Corn Heads
AC Gleaner F w/Cab & Both
Heads
JD 6800 D w/Cab & Air, 13' Grain
& 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10'
Grain & 238 Corn Heads,
EXCELI
MF 750 D w/Cab, Air/Heat & 630
Corn Head
IH 315 w/Cab, Grain & Corn
Heads
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power
Unit, 10' Grain & 2-Row Wide
Corn Heads
NI 702 Power Unit w/727 Husk-
ing Bed & 724, 3-Row Corn
Head, Excellent!
NI 2R Pull Type Husker
w/325 Husking Bed &
329 Sheller, Excellent

MISC.

Weaverline 224 Silage Cart, 30
BU., w/Automatic Charger,
Rebuilt!

Allied Loader w/80" Bucket
For AC 180

1972 Chevrolet 12' Rollback
2 Ton Truck

MANURE SPREADERS

Gehl 350 w/Endgate, 300 BU.
NH 676 w/Hyd. Endgate, 320 BU.
NH 675 w/Endgate, 300 BU.
NH 518, 220 BU.
NI 214, Lq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tan-
dem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

HAY EQUIP.

NH 489 Haybine
MF 81 Haybine
(2) Hesston 1014 Hay
Conditioner
Hesston PT10, 9' Haybine
Hesston PT7, 7' Haybine
MC 7' Rotary Scythe
NH 275 Baler w/Thrower
NH 68 Baler w/Thrower

FORAGE

Fox 2310 Chopper w/2-row corn
& pick up heads, excellent!
Gehl 1200 Chopper w/2-row
corn & pick up heads
(2) JD 35 Chopper w/2-row
corn & pick up heads
NH 38 Crop Chopper
NH 27 Blower
JD 237, 2R Mtd. Corn Picker
NI 2R Mtd. Picker w/8 Roll Husk-

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★ KUBOTA ★ HESSTON ★ SAME

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Kubota L-2000, Completely
Reconditioned
Farmall C w/2 Row Cultivator
FarSOLD
Case 970 Tractor
IH 2250 Load w/Mounting
Bracket For 584

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Hesston PT-10
Hesston 1090
Hesston 1010—Coming In
Case 555
Vicon KM 240, Rotary Disk Cut
Vicon KM 321, Rotary
(2) Gehl 1080, Rotary Disk Cut
OMC 232 Swing Tongue
NH 4SOLD

FORAGE

IH 715 Combine w/4-Row
Narrow Head
Gehl 83 w/1 Row Head
Gehl CB 400 Forage Harvester
Gehl 610 Forage Wagon
IH 550 w/2 Row Head And
Pickup
Fox 3000 Harvester
NI 329 Super Sheller
Assortment of Gehl 99
Forage Blowers

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JD 8 Ft. Offset Disk
Miller 8 1/2 Ft. Offset Disk
Oliver 18 Ft. Disk
Pittsburg 8 Ft., 3 Pt. Hitch

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IH 2500B LSOLD Backhoe
JD 310 Loader Backhoe

SKID LOADERS

Case 1845
Case 1816
Case 1830 Skid Loader
Case 1740

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Power King 2418 w/5 Ft. Mower And
Snowblower Attachment.
Ford 10 HP Rider Mower
w/Snowblower And 1-Bot.
Plow
Wheel Horse Custom 8
Sears 7 Horsepower Rider
Sears 16 Horsepower
Simplicity 16 Hp.
Bolens 1254 w/Mower,
Plow, Disk & Cult.
JD 317, Like New
Case 444 w/Mower, Ex. Condition
Jacobsen Hydro 112

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- White 5400 6-Row Liquid, No Till
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JD B-Unstyled	JD G-Unstyled
(2) LA With Cultivator	JD AO-Unstyled
JD R	JD 820
JD 80	Oliver 70
JD 430 With 1 Row Cultivator	
(2) JD 830's	(3) JD 435's
JD 730 Standard	JD 620
JD 330 Utility	JD 60
JD 430 Utility	JD 420 JD 40
MH Pony With Belly Mower	
MH Pacer With Belly Mower	
JD 60 Orchard	JD Cyclone B
JD 620 Orchard	Oliver HG Crawler
JD MI Industrial	JD 730 HI-Clear
McCormick T20 Crawler	Oliver 660

MASSEY FERGUSON TRACTORS

(2) Workbull w/Loader-Diesel-3 pt.	\$2900
(2) 1135 Duals-WF-3 pt.	Each \$3900
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(2) Workbull w/Loader-Gas-3 pt.-PTO	\$5500
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G-RCP	\$1750
CA-Plow-Cult-Planter-Etc	\$1900
D17-Gas-Try	\$2400
D 14-Loader-Gas-WF	\$2500
1909-Gas-3 Pt.	\$2900
7060-Cab-Air-20 Speed-Low Hours	\$9500

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M-Gas	\$1000
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560D-Clean-Wide Front-FH	\$3900
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9N-Average	\$1800
(3) 8N-Average	\$1700 to \$2000
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MM G1000 Vista	\$4500
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IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

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Kubota B7000-4WD-Rotovator	\$3900
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Long 445-HC-Vineyard	\$4900
Valpadana 20/26 4WD-DEMO	\$6900
IMT 539-Demo	\$6900
Kubota L295DT-RCP-4WD	\$6900
Mitsubishi MT 250 w/Ldr	\$6900
Same 35-4WD-ROPS-21 Hours	\$6900
Kubota 245 High Clear-3 Pt.	\$6995
Valpadana 4033-4WD-DEMO	\$8700
Kubota L275-4WD w/Mower	\$8800
Valpadana 6055-4WD	\$9500
Long 460 4 WD-New-Was	\$15,373\$10,800

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970-1970-PS-Diesel	\$6500
1070-Cab	\$6900
1470-Cab-3 Pt.-PTO-4WD	\$7500
2670-Cab-Duals-3 pt.-PTO-RCP	\$11,500

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AC D10	\$2000	JD 3020-PS-WF-3 Pt.	\$4500	(3) IH 886-ROPS	Each \$5900
Oliver 1355 D-WF-P.S.	\$2250	Deutz 6806	\$4500	Ford 8700-Cab	\$5900
MF 35G-WF-3 Pt.	\$2850	JD 2510 w/Loader	\$4900	JD 4030	\$6250
MF 135G-WF-3 Pt.	\$3500	Case 1370-Cab	\$4900		

CONSTRUCTION EQUIPMENT



NEW 1987 TRAILERS ON SPECIAL

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- 2 Axle 4 Ton, 16 Ft. \$1,595 To \$1,895

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MF 30	\$4500
White 2-63	\$4900
(2) MF Workbull	\$5500
White 2-44	\$5900
IH 656 Hydro	\$6900
(2) IH 2400B	\$6900
(2) IH 2500A	\$6900
Mitsubishi MT 250	\$6900
Ford 3500	\$6900
IH 2500B	\$6900
(7) Ford 515	\$7900
Valpadana 4033-4WD	\$9,900
DEMO	\$10,500
Valpadana 4038-4WD	
DEMO	

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Franklin	\$4900
JD 440A	\$6800
Franklin 135	\$7800
JD 440A	\$8800
JD 440B	\$8800
JD 440A	\$9800
JD 540	\$10,800
Timberjack 230	\$18,500
(2) JD 540B	
Grapple	\$22,500
JD 640	\$24,500

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JD 170	\$5900
Melroe 611	\$5900
Case 1740D	\$6900
OMC 440	\$7900
Clark 825D	\$8900
(2) NH L775	\$8900
Case 1835 Diesel	\$9900

DOZERS

Cat D2	\$2900
Oliver HG	\$3500
JD 350	\$5900
JD 450	
w/winch	\$7900
JD 450-6 Way-Winch	\$8500
IH 500 C-6	
Way	\$9800
Case 850 6 Way	\$10,900
(2) JD 450	\$12,500
JD 450 w/Hoe	\$13,500
JD 450 B-6	
Way	\$13,500
(2) JD 350B-6	
Way	Each \$14,500
Case 450B-6	
Way	\$16,500
Cat D3-6	
Way	\$16,500
(5) Cat D4D	\$16,500 & Up
JD 350 C-6	
Way	\$17,500
JD 450C-6	
Way	\$17,500
JD 450-6	
Way	\$18,500
Case 1150B-Cab	\$19,500
JD 450- 6 Way-Cab	\$22,500
JD 440A	\$26,500
Case 1150C-Cab	
Ripper	\$34,500
IH TD15C	\$38,500

MISC. CONSTRUCTION

(100+) Used Hoe	
Buckets. Come Look	
(30) Loader	
Buckets. Come Look	
(30) Set Forklift	
Forks. Come Look	
Broom	\$495
JD 350 Cab	\$1000
8' Root Rake	\$1200
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Ripper For Cat 933	\$1500
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JD 350 Winch	
Attach	\$1900
IH Cub w/Sweeper	\$2500
Finn Straw Blower	\$2500
Huber 3-5 Ton	
Roller	\$2900
8" Sheepsfoot	\$3500
JD 450 Winch	\$3750
Huber Maintainer	\$3900
JD 1010 w/Broom	\$3900
Joy 185 Diesel	
Compressor	\$3900
Eager Beaver 2	
Ton Rubber	\$4000
(5) Wood Chipper	\$4900
(2) Huber Maintainer	\$4900
Prentice 100 Log Loader	\$5900
Gallon 503 Grader	\$5900
Takulchi TB1200	
Trackhoe	\$6500
Gallon 503	
Grader	\$7900
JD 760 Scraper	\$18,500
Rex 3-50	
Compactor	\$29,500
Lots More Attachments	Call

CRAWLER LOADERS

Oliver HG	\$2900
Oliver OC3	\$3500
JD 2010	\$3900
Case 310 Diesel	\$4900
JD 440	\$4900
AC HD5	\$5800
Case 350	\$9500
(2) JD 350	Each \$9500
(2) Cat 933F	Each \$9500
(2) JD 450	\$10,500
(3) JD 450	\$11,500
AC H4	
w/Hoe	\$12,500
JD 450	
w/Hoe	Each \$14,500
MF 400-Cab-Ripper	\$14,500
(4) JD 450-Hoe	Es. \$16,500
Cat 941-Cab-4 In 1	\$16,500
Komatsu D31-Cab	\$18,500
Cat 941-4 In 1	\$18,500
(3) JD 450-Hoe-Cab	\$19,500
JD 450C	\$19,500
(2) Cat 951B	\$19,500
Case 450B	\$19,500
Cat 931-Cab	\$19,500
(2) Cat 951C-Cab	\$22,500
Komatsu D45S	\$22,500
(2) JD 555-Cab	\$24,500
(3) JD 555-Cab-Hoe	\$27,500
Cat 955K	\$27,500
(2) Cat 955L	\$29,500
JD 755 Cab	\$29,500

POTATO EQUIP.

Iron Age 2X Planter	
1 Row Planter	
2 Row Digger	
1 Row Digger-3 pt.	
JD 2x Planter	

SPREADERS

JD R	
NI 18	
NI 12A	
IH Cub	
NH 213	

DUALS

18.4x34 Snap On	
20.8x38 Axle	
18.4x34 Axle	
18.4x38 Snap On	
18.4x38 Ford Axle	
20.8x38 Snap On	

BACKHOES

Oliver 550	\$3900
Ford 2000	\$4900
IH 3514	\$4900
Case 680	\$6900
Kubota B6000	\$6900
AC D14	\$6900
Case 530 CK	\$6900
Case 580CK	\$7900
MF 50-Cab	\$9500
IH 2500B	\$9500
(3) JD 510	\$10,500
Ford 550	\$10,500
(2) Case 580B	\$12,500
IH 260	\$12,500
JD 410	\$13,500
JD 310A	\$14,500
Ford 545	\$14,500
(2) Case 580F	\$15,500
Ford 555	\$15,900
NH LB 620	\$16,500
Case 580D	\$21,500

FORKLIFTS

3 pt. Attach-NEW	\$1900
Clark 6000 lb	\$1900
Datsun 9000 lb	\$2900
White 4000 lb	\$4900
TCM-6000 Lb	\$6900
Ford 28'-RT	\$6900
TCM 5000 Lb	\$6900
Hyster 6000 lb	\$7900
Komatsu 5000 lb	\$7900
Case 530-21'	\$8900
AC 1600-21'	\$9,900
MF 30-21'	\$11,900
JD 480B-21'	\$11,900
Sanderson SB70	\$12,900
Skytrack	\$13,500
Case	
584-14'-Gas	\$13,900
Cat 12 Ton	\$17,900

TRAILERS

(3) 1986 1x1 Ton	\$595	(2) 25 Ton Lowboy	\$7900
(5) 1987 2X 4 Ton	\$1695-\$1795	1980 Phelan 25 Ton	\$8900
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10 Ton Tilt Top	\$1900	1979 40-65 Stretch Flat	\$9500
(3) 20'x Goose-neck	\$2900	1977 Phelan 25 Ton Double Drop	\$11,000
25 Ton Lowboy	\$2900		
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1986-12 Ton	\$5800		

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\$3500



Richardton 1200 Side Dump-
\$3,900



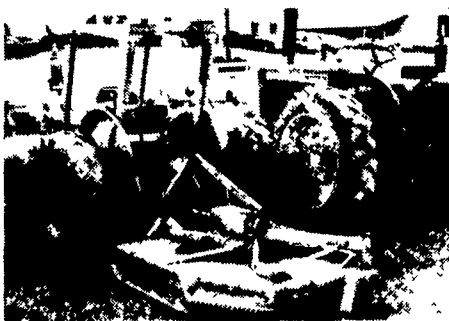
MM G1000 Vista-
*No Money Down-
\$149.40 Per Month
Or \$4,500 Full Price



1979 Ford TW20 w/Air-
*No Money Down-
\$494.68 Per Month
Or \$14,900 Full Price



Gehl 95 Feed Mill-
\$2,700

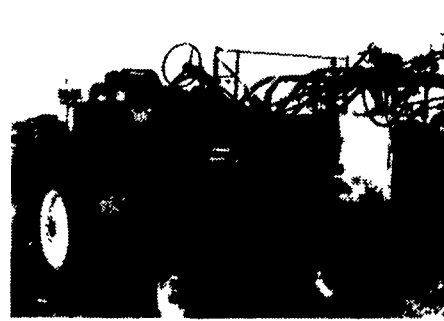


1977 Ford 335 Gas Tractor-
\$4,900

Woods R105 3 Pt. Mower-
\$695



NI #10 Picker- \$950
(3) NI 323 Pickers- \$2,450-\$3,950
NI 325 12 Roll- \$6,950
NI 325 w/Super Sheller- \$1,950
NI 324 12 Roll & Super
Sheller- \$8,950
Ford 1 Row Mounted- \$695



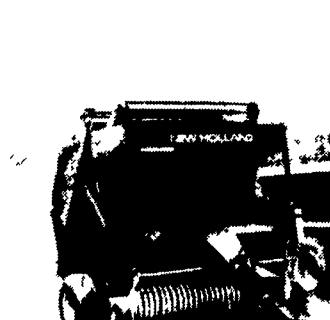
Hefty Hi Clear Tractor With Cultivator-
Weights- Used Very Little.
A Bargain At Only \$4,900



Ford 5000 Diesel- PS- 3 Pt.- PTO
New Paint-
*No Money Down-
\$229.08 Per Month
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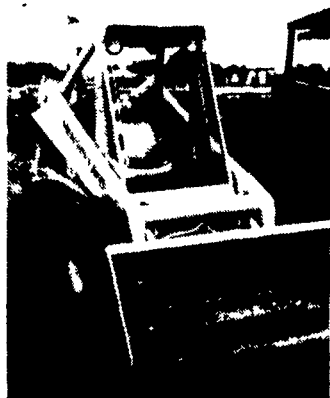
Ford County 6- 4WD- 3 Pt.- PTO
Diesel
*No Money Down-
\$162.68 Per Month
Or \$4,900 Full Price



NH 851 Round Baler-
\$3,900



Case 850 6 Way Dozer.
*No Money Down
\$361.83 Per Month
Or \$10,900 Full Price



(2) New Holland 775 Skid Steers Both
Are Gas.
Your Choice- \$8,900 Or
*No Down Payment And
\$209.15 Per Month



1978-1980 Case 580F Tractor Loader
Backhoes.

(2) Left.
Choice \$15,500 Or
*No Down Payment And
\$364.25 Per Month



JD 555 Crawler Loaders Choose From
5.
(2) With Cabs- \$24,500 or \$575.75
Monthly.
(3) With Cabs & Hoe Attachments-
\$27,500 or \$646.25 Monthly.



JD 450 Crawler Loaders
Choose From 6
(2) At \$10,500 or \$246.75
Monthly
(3) At \$11,500 or \$270.25
Monthly
(1) At \$19,500 or \$458.25
Monthly



JD 450 Dozers
Choose From 9
(1) With Winch- \$7,900
(1) 6 Way With Winch- \$8,500
(2) 1973's- \$12,500
(1) 6 Way- \$13,500
(1) With Hoe Attachment- \$13,500
(1) With 6 Way- \$17,500
(1) With 6 Way- \$18,500
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1969- \$16,500
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(2) 1976- \$16,500
(3) 1978- \$19,500
Or *No Money Down Financing
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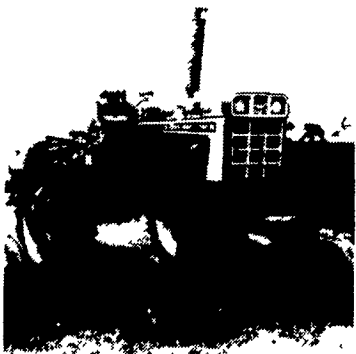
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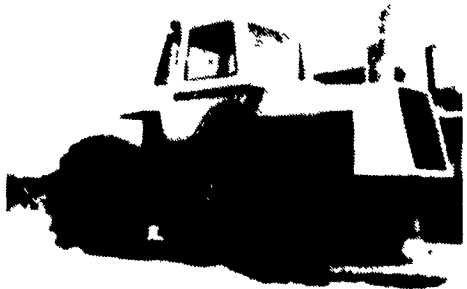
1977 IH 86 Hydro- Diesel- Hi Clear- 3 Pt.- New Paint
\$5,900 Will Finance Or Lease



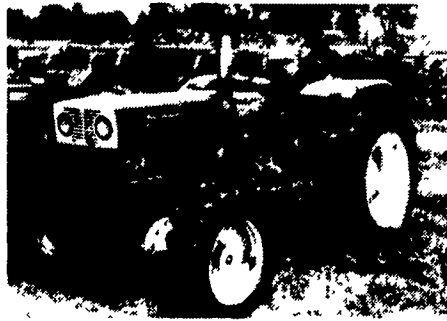
1970 Ford 2000 Diesel, Blade, ROPS, Backhoe.
*No Money Down- \$162.68 Per Month
Or \$4,900 Full Price



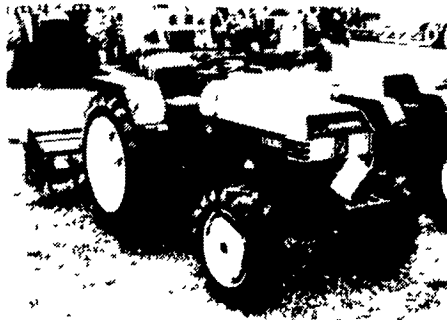
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Overhauled.
\$2,000



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Or \$4,900 Full Price



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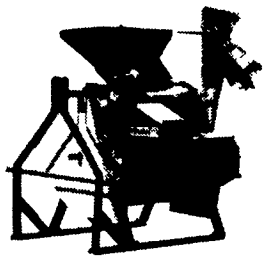
1974 White Truck Tractor w/Heavy Loading Crane, Crane
Turns 180°, Rebuilt 318 Detroit, 10 Speed Road Ranger, 4 WD,
Operating Condition, Truck Has P.T.O.

Only \$4,500

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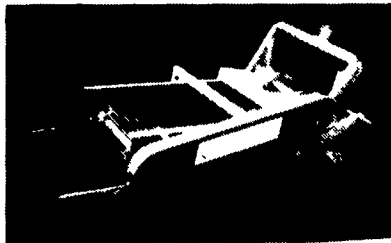
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- 3 Pt. Standard..... \$1395
- 3 Pt. Deluxe \$1695
- Pull Type Add \$100

Pictured Is Standard Model



3 Pt. & Pull Type

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3 Pt.,
PTO

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3 pt Reversible\$395

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8 ton loaded.....\$550
10 ton loaded.....\$625

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Standard 3 Pt.....\$ 79

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4' 3 pt Standard Duty. \$449
4' 3 pt Heavy Duty.....\$495
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4' pull Heavy Duty.....\$595
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6' pull Heavy Duty.....\$895
7' pull Heavy Duty.....\$1495
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Loader Off D.B. 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2050 Loader
JD 158 Loader
Loader Off 800 Ford
IH 2000
JD 46A Loader
Case Off 930
IH 2350 Loader
JD 35 Loader
JD 48 Loader

BALERS

Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67
JD 24T

CULTIMULCHERS

JD 930 - 12' 3 pt.
Bearcat 12'

ROLLBARS & CABS

IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab
Case 1270 Cab
Ford 9600 Cab
MF 1155 Cab

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IH 2X Fast Hitch
JD 246 2x3 Pt.
Ford 2x3 pt.
MF 2x3 pt.-NEW
JD 7000 4x
AC 600 4x

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy.
710 Combine
725 3RN Cornhead
763 WN Harvester
Head

CHISEL PLOWS

JD 9' & 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
1 tooth 3 pt. subsoiler
7'-8'-9'-10'-11'-12'
-14' 3 pt.

DISCS

IH- 11'-13'
Transports
KK 6' 3 pt.
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD 310 Transport
JD 1520 Plowing Disc

MISC. EQUIP.

Spike Harrow
IH Cub & 140 Attach-
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Hesston 10W Mower
12' Lime Drills
8' to 12' Spring Tooth
Harrow
Hesston 30 Mover
(3) Bale Wagons
Hesston 10
Stacker
Richardson 1200
Side Dump
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
8'-10'-12' Cultipacker
Lely Roterra
Hahn HI Boy Sprayer
NH Flail Chopper
Brady Flail Chopper

SICKLE MOWERS

Ford 3 pt.
Sitrex 3 pt. dynabalance
AC B
IH Cub
NH 451 3 Pt.

ROTARY MOWERS

Woods 6' Offset, 3 pt.
Bush Hog 4X Stalk
Chopper
Woods 5' 3 pt.
Servis 15' Pull Type

CULTIVATORS

AC D14-D15 2x
Ford 2x3 pt.
JD 2x (H & 420)
IH Cub & Super A, A, C
IH C-H-M 2x Ft.
JD 6x 3 Pt.
IH 4x3 Pt.

PLOWS

AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 3x-4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500
Attach
IH 1x (MTD)
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
JD 7x Reset On Land
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt.
IH 2X FH

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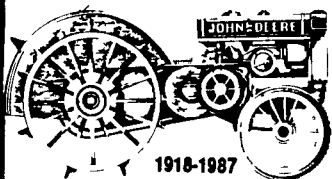
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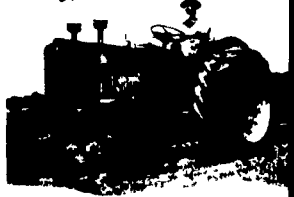
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JD 6600 diesel, hydro, big rubber, rotary screen
 JD 6600 diesel, gear, \$7,000
 JD 6600 (SOLD) ar, \$5,000
 (3) JD 4400 diesel, rotary screen, \$7,000
 JD 40 w/10' grain
 JD 40, 10' grain & 2 row
 JD 40, cab, 10' grain & 2 row
 JD 45 square back w/2R 10' grain & cab
 1980 JD 4400 diesel w/heads, real nice
 1977 JD 6600 side hill w/6R 30' & 14' grain, \$19,500
 AC FKS dsl. w/heads \$7000
 AC E w/cab, 10' flex bean & 2R corn
 Gleaner F2 w/heads
 Gleaner K w/10' grain & 2R corn, \$4,000
 1976 Gleaner FKS dsl. 13' grain & corn head, real nice, \$12,000
 2 C-2 Gleaners w/4RW for 4RN & grain head
 Massey 410 dsl. quick tach, cab & air, \$4,000
 Massey 300 w/grain & corn head
 Massey 82, \$1,200
 MF 760D hydro w/heads
 MF 760 6 cyl. turbo w/grain & 6R 30' corn, \$14,500
 MF 540 dsl., gray cab, duals, 1144 corn & 13' grain
 (2) MF 510 diesel w/head
 MF 510 dsl, quick tach w/ grain & 4 or 6R corn
 MF 410 dsl, quick tach w/heads, \$4,000
 MF 410 gas, cab & heads
 MF 410 diesel, hydro w/heads
 MF 300 cab w/13' grain
 MF 300 diesel, quick tach w/heads
 MF 205 gas, cab, 10' grain
 MF 82 2R corn & 12' grain
 (2) MF 35 S P 8' cut
 1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/ grain 6R 30' or 4R 38", clean, one owner
 Late MF 750 hydro diesel, just had \$4,000 spent on it last fall, real nice
 IH 1440 Axle Flow w/1100 hrs., 28x26 tires, 13' flex head w/6R 30"
 IH 1440 Axle Flow Combine w/grain & 4R corn

IH 915 diesel, turbo, hydro w/ grain & 4 or 6R head, \$13,000
 IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
 IH 503 hydro dsl. w/grain & 6R corn.
 IH 403, gas, cab, 4R 30" & grain head
 IH 315 hydro, cab, bean flex head, 3R 30" or 2R 38"
 IH 205 w/grain 3R, 30" or 2R 38"

1980 IH 1440 axle flow, 28x26 tires 1585 hrs., cornhead just came out of field, clean, one owner.
 IH 76 pull type, PTO w/bin
 NH TR70 Cat. diesel, 4 row 30", 13' grain
 NH TR70 Twin Rotary, Cat. dsl., cab, air, radio, 28x26 rubber, low hrs., nice
 NH 1400 w/grain & 4R 38" corn, \$8,000
 Case 1160 V8, gas, cab w/ grain, \$2,500
 White 8600 dsl. w/grain & 4R 38", \$6,850

Your Choice
 \$2500 Each

2 Case 600, 10' Grain & 2R Corn
 2 JD 45 w/10' Grain & 2R
 JD 55 w/12' Grain

DISC HARROWS

8, 10, 12, & 14' Wheel Disc 3 pt. 7'
 7 & 8' drag discs
 Good selection of wheel discs

TRACTORS

Oliver 88 gas
 Oliver 750D w/WF
 IH 656 diesel, 3 pt., WF
 Farmall Super C w/loader
 Farmall BN w/WF
 Farmall M, late model
 Farmall BN w/plow & cult
 Ford 5000 Dsl., late model \$5,500
 IH 1066, cab w/complete motor overhaul, will show bills from local shop, \$8500.
 Ford 5000 Tractor, late model
 JD 3010 Dsl. Narrow Front, \$3,500

JD 4010 Diesel \$3,875
 AC D-19 Dsl. w/WF, as is.
 AC WD
 AC D14 W 3rd gear out

FORAGE HARVESTERS

NH #822 2R 30" corn head
 IH 55 2R & pickup
 2 NH 33 Flail Choppers
 NH self propelled w/2R & pickup

WIDE FRONT ENDS

MF 65
 Massey 444
 AC C
 Massey 101, 30 & 33
 Farmall C or Super C, 200 & 230

CORN HEADS

Oliver 3R 30" fits 525 or 535
 AC 6R 30" for C2 or G
 Case 3R 30", 2R 38"
 AC M or M2 4R 30"
 NH 4 row 38" & 14 grain
 JD 2 row for 40 & 45
 IH 4 row 844
 IH 6 row 30" for 815
 AC G 4 row 30", 4 row 38"
 AC C2 4 row 30", 4 row 38"
 AC E 2 row 38"
 IH 2 row for 91, 93, 203, 205, 315

JD Crophead for beans or sunflowers W MF adaptor

SPREADERS

JD #44 PTO

CORN PICKERS

NI 305 2R, mounted, just out of field
 IH 560 gas w/IH 234 picker
 NI #10, 1R
 Blue Ford 3 pt. 1R
 IH 400 gas tractor w/2R NI 305
 NI #7, \$500
 NI 325 2R 30" pull type
 NI 701 or 702 husking unit w/2 or 3R corn head
 (2) NI late 323 1R
 Oliver 73 2R 38" pull type \$750
 NI #7 1R pull type \$500
 Woods Bros 1 row

ROTARY MOWERS

3 pt. 6, 7 & 8'
 Also pull types

TRACTORS ALL WITH LOADERS

Universal air cooled skid loader, \$2775
 Ford 4000 Gas Industrial Loader and Backhoe, like new tires \$5,500.
 Farmall Super C \$1,675.

GRAIN HEADS

8, 10, 11, 12, 13, 14 & 15'

PLOWS

15 plows, 2 to 7 bottom

HAYBINES & RAKES

NH 269 Baler w/thrasher
 Hesston 10' hydro-swing center pivot hitch, \$2850
 NI Rotobar Rake, \$850
 JD Rotobar Rakes, \$450 to \$675.
 NH 474, 7', \$3000
 NH 479, 9'
 NH 489, 9'
 IH Rake w/front doley wheel, \$785.

MISC.

Combine dual wheels & tires
 Loader to fit 4500 Ford or other tractors
 AC Road Grader, good running, new paint
 Century 500 gal. 12R PTO trailer sprayer, real nice
 2 Gravity Wagons
 Sickle bar mowers, 3 pt. semi & trailer types.
 IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities

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 Stone Rakes
 Rotary Cutters
 Box Blades
 Discs
 Bale Movers
 Hay Tedders
 Finishing Mowers
 Potato Plows
 New Trailers, all sizes
 Fert. Spreaders
 Cement Mixers

DISMANTLING TRACTORS FOR PARTS Harvesters and Corn Heads for Parts

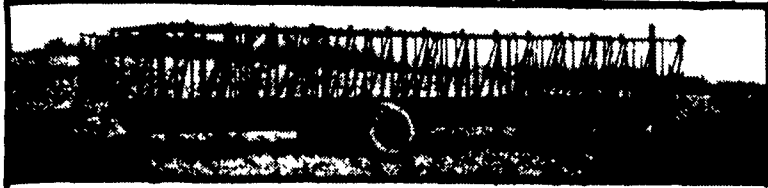
IH: 1256, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 300, 340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12 JD: M, 4010, 3010, 2020 Dsl., 2010, 720, 70, 60, 50, A, B AC: 180, D17, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20 Case: 300, DC, SC, VAC. Ford: 6000, 4100, 4000D, 960, 860, 800, 8N, 9N Oliver. 1800, 88, 77, 70, 60. Crawler: D2 Cat & Oliver. MM 5 Star, R, Z, E3 Coop, David Brown 990

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16', 21', 27' Lengths Available A Great Feature For Feeding Cattle In Meadows Or Feed Lots These Wagons Can Be Used For Feeding Round Bales, Square Bales, Silage & Etc.

Especially Where Ag Bags And Piles are Being Used

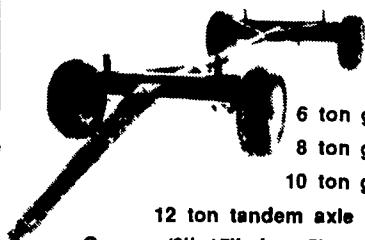
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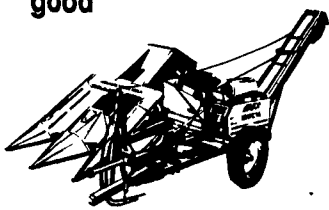
Call John Bolton
or Gunther

TRACTORS

1979 JD 4240 Dsl., Cab, Air, Quad
1980 JD 4440 Cab, Air, Quad, 1800 hrs., very nice
JD 2950 Dsl. w/MFWD and Roll Guard, very nice
1976 JD 4430 Dsl., Cab, Air, Quad
1974 JD 4430 Dsl., Cab, Air, Quad, 2600 hrs., very clean
JD 4040 Dsl., QR, fender tractor
1970 JD 4020 Dsl., Side Console, very nice
JD 2940 Dsl., w/Cab & Air
JD 2840 Dsl., 1700 hrs.
1981 JD 2640 Dsl., Hi/Low, 540 & 1000 Ind. PTO w/146 Loader
JD 830 Dsl., 1,000 hrs., 3 Cylinder, Utility
1981 IH 986 Dsl., Cab & Air, 1700 hrs., very nice
IH 3588 2+2, cab & air, 3 pt. & PTO, 900 hrs., very nice
1983 IH 3288 Cab, Air, 1400 hrs.
1980 IH 1086 Cab & Air, 2500 hrs., 20x38 Rubber w/ Duals, very nice
IH 1066 Dsl. w/Cab
IH 986 Dsl. Cab & Air, 1200 hrs., Very Nice
1974 IH 966 Dsl., Cab, Air, 2700 hrs., very nice
IH 856 Dsl., WF, w/3 Pt.
IH 686 Dsl., WF, 3 Pt.
IH 574 Gas w/3 pt., WF
IH 504 Gas, 3PT, Tricycle
1981 MF 2705 Dsl., Cab & Air, 24SP, P. Shift, 400 original hrs., excellent
MF 2705 Cab & Air, 24 Speed, P. Shift Trans., 1400 hrs., very nice
MF 165 Gas, WF, 15.5x38 Tires
MF 50 Gas w/Loader
1980 Ford 6600 Dsl., 900 hrs., Dual Power, like new

NEW ARRIVALS

1985 JD 4450 Cab, Air, P. Shift, MFD, 500 hrs., excellent
IH 1466 w/Cab, Duals & Weights
JD 2840 w/Cab, nice
John Blue 400 gal. Sprayer w/Ground Driven Pump
JD 510 Round Baler w/Wide Belts
JD 2500 Spring Reset 5 or 6x18
IH 7 Tooth High Clearance 3 pt. Chisel Plow
Bradey 9 Tooth High Clearance 3 pt. Chisel Plow
JD 1600, 12 Tooth Pull Type Chisel Plow
JD 443 Low Profile 4RN, excellent
IH 2400 Round Baler, very nice
NH 38 Flail Chopper, excellent
NI 212, 150 bu. Single Beater Manure Spreader, very good

**CORN PICKERS**

2 NI 325, 2RN 12 Roll Bed, \$4,000 to \$6500
NI 324, 2RW w/8 Roll Bed
2 NI 324, 2RW 12 Roll Bed, \$4,000 to \$7500
NI 324, 2RW 8 Roll Bed, Excellent Condition \$4850
2 NI 323, 1R, \$1850 to \$2850
JD 300 Husker, 2 or 3R head, picked 150 Acres, Like New

Soybean Harvest Specials

JD 213 Flex Head
IH 820 13' Flex Head
IH 820 15' Flex Head

HAY EQUIPMENT

NH 1033 Bale Wagon, 105 Bale Capacity, excellent condition
JD 24T Baler w/wagon hitch
JD 347 Twine Baler w/40 Ejector
JD 327 Baler w/Bale Chute, like new
JD 336 Wire Baler w/30 Ejector
JD 337 Twine Baler, used three seasons
MF 124 Baler w/Thrower
IH 440 Baler w/Thrower, excellent
IH 241 Round Baler
IH 720 w/2R C.H., very nice
NH 311 Baler w/Pan Thrower, like new
JD 1209, 9' Mower Conditioner, Late Model
NH 467 Haybine, 7', Solid Machine
NH 845 Round Baler w/Auto Wrap
AC Round Baler, very good
NH #90 Bale Mover
Hesston 7150 Harvester w/2RN & Hay PU Heads
JD 3960 Harvester w/2RN Head
JD 3940 Harvester w/Elec. Controls, excellent
JD 35 Harvester, Choice of Heads
JD 5 1/2' Hay Pickup
Fahr 4 Star Hay Tedder
NH 256 and 258 Rakes w/ Rubber Teeth and Dolly Whls.

CORN HEADS

JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 444, 4RW
JD 643, 6R 30
JD 235 2RW 55
AC A630 to Fit M2 or L2
IH 843, 4RN
IH 844, 4RW
MF 1143, 4RN
MF 43 4RN Corn Head
MF 44, 4RW Corn Head
MF 1144, 4RW Corn Head
Good Selection of Late Model Quality Heads

TILLAGE

JD F145, 4x16 & 5x16 Plows
IH 720, 4, 5, & 6x18 Spring Reset
IH 710, 4, 5, & 6x18 Spring Reset
IH 450, 3x16 Spring Reset
IH Vibra Shank 12' Field Cultivator
Brillion 13' Cultimulcher, Crow Foot, In-Board Wheels
Glencoe 5' Chisel Plow w/ Rake
JD 3 Base 3 pt.
JD BWF Rock Flex Wing Fold Disk, 18'x21'
JD BWA 18' Wing Fold Disk
IH 500, 12' Disk Harrow
Brillion 11' Roller Harrow, Inboard Whls.

COMBINES

MF 540 Dsl., Gray Cab, Choice of Heads, very nice
1981 JD 4420 Dsl., Cab & Air Chopper, 1,000 hrs., Choice of Heads, very nice
1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
'75 JD 6600 Dsl., Cab, Air, 1700 hrs., very nice
1975 JD 4400 Dsl., Cab, Air, 1190 hrs., 23" Rubber, very good, Choice of Heads
1979 IH 715 Dsl., Hydro, 23" Rubber, very nice
Corn & Soybean Chopper to fit JD 3300-4400
JD 213 ~~SOLD~~ Grain Platform
MF 13' Grain Platform
IH 820, 13' Flex Head
IH 820, 15' Flex Head
Gleaner 13' Grain Platform for F or F2

MISCELLANEOUS EQUIPMENT

JD RM 4R 3 pt. Cultivator
Gehl 95 Hydraulic Drive Grinder Mixer, good cond.
JD 750 Grinder Mixer w/ Scales and Hay Feeder
NI 36' Grain & Hay Elevator; PTO Drive
JD 400 w/Mower, P. Steering
Dunham Model 22 Quick Tach Loader to Fit IH 706 thru 1086
JD 158 Loader
IH 2250 Mount-a-matic Loader to fit 544 thru 766
18x38-18x34-20x38 Duals
Cabs to fit JD 3010-4020 Tractors
Cab to fit JD 2630's, 2640's, 2840's, and 2940's
NH 676, 275 bushel Tandem Axle Manure Spreader, 2 Beaters, very nice
JD Roll Guard, Fits 1020 to 2640 Tractor
JD 400 Rotary Hoe

TRACTORS WITH LOADERS

JD 2640 Dsl. High Low, Ind. PTO, w/146 Loader, very good
1981 JD 2240 Dsl. w/ Mechanical Front Drive & New JD 245 Loader
1980 JD 2240 Dsl., w/MFD & Loader
IH 84 Dsl., Hydro w/2250 Mount Matic Loader
NH L425 ~~SOLD~~ Steer Loader
1980 Ford 3600 Dsl., 8SP, 772 Loader, 460 hrs., excellent
OMC 14HP Hydro. Skid Loader
CORN PLANTERS
JD 7200 Max Emerge II, 4R
JD 7000, 4R Conservation, Dry Fert., Frame Mtd. Coulters
JD 7000, 4RW, Liq. Fert., Insect., Monitor
JD 7000, 6R Cons., Liq. Fert.
IH 800, 4R Plate Type, Dry Fert., Insect.

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Buy A New 70 HP Belarus w/Hydrostatic, Power Steering, Diff. Lock, Double Disk Brakes, Factory Mounted Cab w/Heater, Radial Tires & Full Instrumentation for \$10,374 and get a Heavy Duty Self Leveling Loader For \$1

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JD 1610 Chisel Plow, \$2,200
JD 716A Forage Wagon, w/High Sides & Top, less running gear, \$6,450
NH 258 Rake, Dolly Whls. & Tires, Rubber Teeth, \$2,990
FMC Sprayer 10 gal. per minute pump, 200 gal. fiberglass tank, \$2,300

USED EQUIPMENT

MF 760 Combine w/IV8 Engine, 6RN, 17' Grain Platform & 4 RW Head \$18,500
JD 7720 Combine 4WD w/6R Corn Head, \$39,500
Kubota L225, 24 HP Tractor, new engine, \$2,500
MF 245, 2WD Tractor w/Cab, \$4,500
Ford 2000 Tractor, \$4,200
Ford 9N
JD 3960 Forage Harvester \$6,800
Yanmar 165 D 16 HP Tractor, 4WD, Turf Tires, Front Blade, Less Than 200 Hrs, \$5,700
JD 444 Corn Head, \$3,500
JD 3020 Tractor, P/S w/48 loader, rebuilt engine, cab, \$10,500
JD 235 Disk Harrow, 17' Center Fold, \$6,950

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IHC: Farmall 300G; Super A; Cubs; 766; 684; 674 w/loader; 656 w/loader; 574D; 424G.
KUBOTA: 8200 4WD TLB; 7100 4 WD; 6000; 4050.
CASE: 530 Diesel; 990 w/loader.
FORD: 851; 800; 600; 8N, one w/forklift; 3000 w/loader; 3000D; 3600; 3910 Turf; 5000; 6600; 7000; 7700 4 WD w/cab.
DEUTZ: 6206; 6806; 6807 w/Cab.
AC: WD 45 wide front; D 17's; 5040; 8050 cab, air, power shift, 1170 hours 4 WD, Exc. Cond.; 175-D w/loader; 160 w/full hyd. loader; 175; 185; 190XT; 200 w/cab; 7045 w/cab, air, & powershift; 5050 w/loader; 6060 w/cab; 6080 & 6060 2 & 4 WD; 7000 w/cab.
MF: 65 w/loader; 30 Ind. w/front; 165D; 175.
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TRACTOR LOADER BACKHOE: WOODS Model 750 3 pt. hitch backhoe \$2,750; CAT: 955 crawler loader - needs repair; 933F crawler, 4 & 1 bucket; AC: 653 Dozer w/6 way blade. 715C, 715; 655 crawler loader (1 yd.); 640 articulated payload 3/4 yd.; 840 1 1/2 yd. articulated payload; H3 Crawler w/blade.
CASE: 580B; 580B w/extendable boom; 450 crawler 6 way blade; JOHN DEERE: 310A; 410; FORD: 550; 555; Raygo 2 ton vibratory roller; Farmi 3 pt. logging winch; Asplundh brush chipper; Dynahoe tractor backhoe.
SKID STEER LOADERS: NEW HOLLAND L445 diesel; Bobcat 611 Deutz diesel.

FORAGE

HIGH MOISTURE CORN EQUIPMENT: GEHL 2 row snapper head (adjustable) Late Model, Like New; Farmhand corn blurr; Massey Ferguson stalk shredder; Haban husker sheller; Wetmore grinder blower; Kools, Gehl regrinder blowers; McKee corn hogs, IN STOCK: New WIC blower roller mills.

PICKERS: USED: NI 323 corn picker, 1 row; NI 324 2 row wide or NI 325 2 row narrow w/husking beds or shellers.

BLOWERS: AC long hopper, JD 6500; IHC, 56; NH 25 & 27.

FORAGE HARVESTERS: BRADY 722, like new; New Holland 33, 38; Gehl 750 w/2 row corn head, like new; flail choppers; Hesston 2000-150; 2000-100; 7020; New Holland Super 717. Large Selection of pick-up heads and one, two and three row corn heads. Call for your needs.

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MANURE EQUIPMENT

PUMPS: Hedland Martin lagoon pump; Better Bilt 8' manure pit pump, very good condition; NI basin pump; Badger BN184 lagoon pump.

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JD 125 gas skid steer loader, new paint & rubber
JD #18 corn picker, 1 row
JD 7000 4 row conservation planter

1986 JD 4425 combine w/443 corn head, 213 flex platform, 350 hrs., like new.

9.5% Fixed Rate Financing
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USED: MARTIN: V-model manure spreader 2900 gals. Vanguard; Equalizer manure loader; Martin S1257; NI 2100 gal. tandem vacuum; Box Spreaders; NH 516T; NH 329; 512; NI 213 flail; NI 212-3 beater; NI 206-95 bu. ground drive spreader, like new; NI 12A ground drive spreader, very good; Starline tank spreader, tandem axle, left hand; Better Bilt 1500 gal. liquid tank spreader, JD 466 roll top left hand; VanDale 2200 gal. liquid manure spreader; Farmhand right hand, tandem tank spreader.
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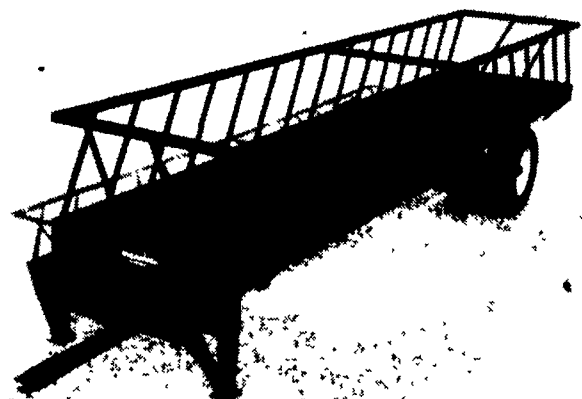
USED: Fitchburg Brush Chipper; NH 48' hay and grain elevator; JD 42 pull type combine w/bin; JD 643 6 row narrow combine head; Howard heavy duty 5 & 6 ft. 3 pt. rototillers; Myers 500 gal. PTO trailer sprayer; McConnell 1 row potato planter; 21 ft. bat-wing mower; Heavy duty 6' 3 pt. hitch rotary mower; 20 misc. hydr. front end loaders for various models and make tractors, Call for your needs; Badger silo unloader 16' and 18'; Rear Scraper Blades 3 pt. hitch, fast hitch and AC snap couplers; 3 pt. post pounder; Ford 3 pt. posthole digger.

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- Wagon Gears

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1981 NH TR85, 4WD, V8, - Hydro, full equipment.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

MF (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs., real nice, \$47,500 \$45,500.

MF 1980 750 Gray Cab, Hydro, fully eq., 700 hrs. JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper \$27,500; JD 7720 and 6620 available with 4WD.

JD (81) 6620 4WD, real nice. JD (81) 6620 S.H., 1300 hrs., Dial-A-Matic w/215 Flex. JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD (81) 6620 Side Hill w/700 hrs., looks like new.

JD (79) 6620 Sidehill, 1500 hrs., local machine, \$29,000 \$27,500.

JD (81) 4420, low hrs., very nice.

1976 JD 7700, real nice.

JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.

JD 6620 S.H., 800 Hr., real nice, \$36,000 \$33,500.

JD 6620 LL, 1 owner, nice, \$27,500 \$25,500.

(75) 6600 D. Rotary Screen good.

1977 JD 4400 D., C.A. w/23x26 tires, \$11,500.

55 Sq. B. w/Cab-Good w/2 Heads, \$3,250, 55 C.S. Sq. Back w/Cab.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, \$38,500 \$36,500.

MF 550 D., C.A., low hrs (77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn

IH 715 Gas w/Cab & 810 grain for \$4,850, (2) IH 82 Pull Combine; (75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.-Nice, IH 105 w/Cab & 10' Grain, nice.

NI 702 & 705 Uni-Systems w/Full Eq; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers.

CORNHEADS: J.D. 843 LP, 643 LP, 643, 444 LP, 444, 443, 343, 244, 243; 313 (45) (SOLD), 205 (40) 234, 435; JD 454 Row Crop Head; JD 444, \$2400 to \$3500.

IH 863, 844, 843, 744, 227. A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, KF335.

MF 1163, 1144, 1143, 63, 44, 33, 43, 24, 222, 422, 44-\$900 & Up.

NI 846 N 6R C.H.; 743, 730, 734, 725, 723, 762, 763; Ford 4-30; Case (404); NH 962 4RW, 4RN, 6RN Corn Head.

NH 924, 4RW; NH 974 6R; White 706N; Oliver White 4N.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 218 Flex; (SOLD), 213 & 215 Rigid.

IH 810-13' Thru 165' w/Reg. or Floating; New 820, 165', 17 1/2' Flex, \$5,500 each

MF 10'-16' Reg. or Floating Bar, A.C. E10', G15'.

NI 713 Flex Or Rigid

NH 972, 20' Flex, NH 960, 13'

STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane Hamburg, PA 19526
Phone Bus. 215-562-8377 Home 215-562-7451 or 215-562-5740

TRACTORS:

J.D. New 2950 w/R.G.; JD 4450 C.A., Q.R., Real Nice; Used JD 2950 C.A., Like New; JD 4640 C.A., P.S., Nice; 4440 C.A.P.S. - Real Nice; JD 4440 C.A. P.S.; JD 4240 C.A.P.S.; Used JD 4240 C.A., Q.R., 1400 hrs.; JD 4240 QR, ROPS; JD 2940 w/F.W.D. & 260 Loader, Low Hours; JD 2940 MFWD, real nice; JD 2940 w/FWD & Roll Guard; JD 2440 Dsl., U, original; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; JD 4230 Q.R., ROPS, new paint; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/ Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; JD 4630 C.A.P.S. w/new tires; 4630 SR w/Cab & Air; JD 4430 Cab., Q.R. w/Front Whl. Assist; JD 4430 C.A. QR w/front wheel assist; (2) JD 4430 C.A.Q.R. (1) \$11,850; 4230 C.A.Q.R.; JD 4040 PS w/R.G.; JD 4030 QR Fender; JD 4030 w/creeper trans.; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - \$5,900; 4520 w/Factory Cab; JD (10) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4020 PS; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; (70) JD 4020 SC, WF; 4020 w/58 Loader; JD 4020 D. WFE; 3020 D. S.C., W.F.E.; JD 3020 Dsl., WF; JD 3020 D Tricycle; 2520 Dsl.; JD 3020 G.; JD 4520 R.G. & cooler w/30.5x32 tires; JD 2020 Dsl. w/#47 Loader; JD 4010 D. WFE, Real Nice; 4010 D w/new clutch; JD 4010 Dsl., WFE; 630 Gas; JD 430 Utility w/3 pt.; JD 2020 (SOLD); JD 4010 D., good; JD 2510 Dsl.; 630 Gas, 620 Gas, 620 LP, 70 w/loader.

IH (New) 5088 Full Eq C.A., never used. Sale Price, \$33,450; 3588 2+2 CA, 1400 hrs.; 786, one owner, original; 3288 CA, 670 hrs.; 1086 CA w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/R.G.; IH 686 Dsl., original; Farmall 1066 C.A., original; IH 1066 Cab & Duals; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 C.A., as is; IH 1466 Fender, new motor, nice; F1066 C.A.; 1066 Hydro - Original; 966 Original; 766D.; IH 584 Dsl.; 674 D.; 574 D. w/Loader; IH 574 U Gas w/2000 Ldr.; Farmall 544 D. WF (SOLD) Original; IH 544 Gas w/#2000 Loader; Farmall 544 Gas, WF, 3 pt.; IH 444 U. Gas w/IH 1501 Loader; 656 Gas; 806 D - \$4,750; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; IH Hydro 70 Gas, WFE, 3 Pt.; 656 Gas - W.F.E. - Original, 656 Gas & Diesel; 656 D. Hi-Clear, 826 D. Hydro, 1206, Nice, 706 D. - W.F.E. - 3 pt - \$5,000; F706D., WFE, 3 pt.; 706 Gas T/A, W.F.E., IH 240 Utility, F560 D., WF, FH, F560 D w/Fast Hitch; F450 Gas, Tri, F.H.; F560 Gas, F450 D;

F504D.; Farmall 200; Super A w/Sickle Mower, Plow & Cultivator.

New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D. A.C. New AC 6080; Used AC 6080 w/ROPS; AC 7060 C.A. w/Duals; 7045 C.A., 20SP; 7040 C.A.P.S., Like New; 210 - New 20.8-38 Tires; AC 200 D original, AC 220, real nice; XT190D. w/3 pt.

CASE Case 1594, P. Shift, low hrs., like new; Case 2590, CA, PS, 1600 hours, Case 2290, C.A. P.S., real nice; 1370 C.A.P.S. Factory Duals; 2090 CAPS, \$14,800; 930D, WF 3 pt.; 830 Gas, WF, 3 pt.; Case 730 D., WF, 3 Pt.

MF 2705 C.A., 24SP, Duals, real nice; 1155 C.A.M.P. - \$8,500; 1135 C.A.M.P.; 1977 MF 1135 CA, Duals; MF 1085 Dsl.; MF 175D; MF 165 U. Gas; MF 1130; MF 1130 (Needs Motor-work); MF 40 Industrial Loader, Gas w/Half Cab; Ferguson 35 Dsl.; Ferguson TO 30.

FORD TW 35, used 150 hrs.; local trade, like new; Ford 7700 DP w/Cab; Ford 6700 w/Dual Power & Ldr.; Ford 6700 CA, DP, w/Ldr. & 3 Pt. Forklift; Ford 5000 Dsl.; 8 SP, w/p. steering & 8" rubber; Ford 4000SU w/PS; Ford 4000 Dsl., original paint; Ford 3000 Gas w/8 SP; County

er; F400 Gas; JD 6600 D. w/Grain (SOLD) Machine; IH TD 14 w/Blade; IH 315 Cultimulcher; JD 4430, C.A., QR; 1983 Butler Batch Dryer; AC 653 Crawler w/6 Way Blade; IH 80 Pull Combine; JD (77) 7700 Combine, Turbo Hydro, w/RWD.

CORNPICKERS: (5) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; (2) NI 323, 1R Picker; (New) NI 324 (SOLD) Sheller \$8,900; MH SP 2R, 1 owner, Immaculate.

New N.I. 329 Super Sheller List \$6700.00, Special \$3,550; N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

PICKER: IH 1PR Picker; NI 319 Mtd. Picker.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

5200 S/P, C.A., Hydro, 4WD, real nice; JD 4R 30" Stalker Head, Like New.

JD 3800 w/elec. controls; JD 34 Chopper w/1R C.H.; Burnt JD 3960 Chopper w/2R Corn Head.

N.H. 892 w/Elec. Controls, 2R & Hay PU; N.H. S717; NH 880 w/2RN C.H., real nice; NH 782 w/heads; NH 770 w/heads; (3) NH Super 717 w/1R C.H. \$975 to \$1,400; NH 707 Chopper w/1R Corn

RAKES: Used NH 25R Rake, Hyd. Drive & Dolly Wheel, NH 258.

J.D. 660 w/Dolly Wheel; IH 3 Pt. 5 Bar Rake; New Deutz Fahr 17' Hay Tedder, \$2,500; Used Grim 17' Hay tedder; New Pequea hay tedder, \$1,285; New Kuhn 6 Star - Hay Tedder.

HAYBINES: NH 1495 D Hydro w/Half Cab; 479, 478; NH 477, 7' for \$2,350, IH 1190 Haybine; JD 1380 Hydro Swing Haybine; JD 1219 Haybine, like new; IH 990 haybine; Hesston PT10 Haybine.

(Used) M.C. 7E; MC9E Rotary Scythe; (2) NI 272 Cutdioners; N.H. 1034 Stack Wagon; NH 1010 Bale Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; NH 822 Silage Head; 1, 2, & 3R Silage Head; NH 880W PU; NH 880 S Direct Cut Head.

J.D. 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 51' HayPickups; JD 243 C.H. w/adaptor plate; 3 JD C.H. harvester adaptor plates; JD 8' Direct Cut Head; JD 4R 30" Stalker Head, Like New; JD 3R 30" Silage Head; JD 7' Hay PU.

I.H. 2 R.N. Silage For 550-650.

FOX 984, 4R Silage Head; 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup

PLANTERS: JD 7000, 12R Front Fold Planter, Dry Fert. w/No-till, full equipment, JD 7000, 6R Cons. w/Dry Fert.; JD 7000, 4R; (Used) 7000-6R Cons. Liquid w/No Till, 7000-4R Dry & Liquid; JD 4R Cons. w/Dry Fert. & Insect.; JD 7000, 8R w/Liq. Fert. & Insect.; JD 7000, 8R No-Till Dry Fert., Insect. Planter; JD 1240 plateless, nice; IH 800, 8R Liq. Fert.; IH 800, 6R Dry Fert.; IH 400, 6R Dry Fert. w/No-Till; IH 400, 6R Liq. Fert.; IH 56, 4R Planter; Hinkler 4R Econotill Planter, No-till, w/Kinze Units

WHITE 5100 - 6R Dry Fert.; White 5100 6R Planter, Liq. w/No-till; 5400, 6R, Dry w/No-Till.

DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/ Soybean Att.; JD 8300, 21x7 DD w/Press Wheels; JD 8300 23x7 Drill; JD 8350, 23x7 w/Fert. & Seed.

IH 5100 21x7 Drill; JD 8250 Drill w/Seed, 21x7 SD; Tye 13' No-Till Drill, Brillion 8' & 10' Seeder.

GRINDERS/MIXERS: IH 1150, nice; Gehl 115 grinder mixer; Farmhand 880 Big Tub Grinder; (2) NH 352 Grinder Mixers

BLOWERS: Gehl 99, nice

TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; IH 420 3X Plow; JD 2500 4x18 Reset; JD 4X 16" Semi Mount Plow, I.H. 5x16 Semi-Mount w/ Spring Reset; IH 540, 4X; IH 720, 5X Toggle Trip, OLIVER 546 - 5x16 Spring Reset; Oliver 565

4x Plow; I.H. 700 - 6x16 Spring Reset; JD 3200, 6x Reset; Oliver 6x Reset; WHITE 549-7x sp. reset; J.D. 7x; M.F. 6x on land hitch; JD 2800, 7X Variable Width On-Land; JD 2700 8x Variable Width On Land Hitch Plow.

CHISEL PLOWS: Brillion 10'; I.H. 55-12'; (2) 7' 3 pt. chisel plows; Bush Hog 10' Chisel Plow w/Buster Bar; Brady Model 1000 10' & 14' Chisel Plows.

DISCS: Oliver 252, 11' Transport Disc; White 281, 12' offset Disk; Miller 14' Offset Disk, like new; JD 210 Disk; JD 230, 18 & 20' Hydraulic Fold.

MULCH TILLERS: Willbeck 13'; Glenco SS18 Fold Soil Saver; Glencoe SS13 Hyd Fold Soil Saver; (2) J.D. 1710 - 11'.

PACKERS: Brill (SOLD) 18 Transport; Brillion 21' Hyd. Fold, like new.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; JD & Brillion 10', 12', 13' & 15' cultimulchers.

CULTIVATORS: JD 2R Cultivator; JD 4R Front Mount Cultivator; (4) JD RG 4 Cultivators; JD & IH 6R 3 pt. cultivators; MF 6R S Time Cultivator; J.D. 1000-25' - Hyd. Fold; Brillion 14' Field Cult. w/ Midwest Harrow; IH 68, 6R Front Mount Cultivator.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9" - Like New; (2) Howard 13' Rotavator; Knowles 16' wing trans. harrow, used 4 acres; JD Transport Wing Harrow; Brillion & JD 20' Wing Harrows.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost; Used 400-15'.

INDUSTRIAL: CRAWLER LOADERS: Oliver OC46; A.C. H-3 w/6 Way Blade; J.D. 840 Self Loading Scraper; Case 310 Crawler Loader; Case 584 D. Fork Lift.

SKID LOADERS: NH L35, Case (SOLD) Dsl.; Ford CL40.

1978 Case 580C Dsl. L, B w/ROPS & Cab; AC 715B L & B.; IH 3514 Loader Backhoe; MF 302 L/B; Case 580 Gas w/Ldr. & 3 pt.; JD 2010 Dsl. Crawler

w/6 Way Blade; Electrac crawler w/blade; Kelly B-70, 3pt. Backhoe, 2 yrs. old.

LOADERS & BLADES: J.D. 45, 48, 58, 148, 158, 36, IH 2000, 2250, 2350, 2355 (New); MF 246 Loader; NI Loader; Schwartz loader for Case 730; Schwartz 1400 loader; Artsway HD loader for 4WD; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD.

LAWN & GARDEN: JD 850 D w/Belly mower; Satoh D. w/3PT Tiller; Cub 185 Lobby w/Mower & 3 Pt.; Sears 24 HP w/Ldr., 3 Pt.; Cadet 782; Cadet 1250 & 1450, 128; J.D. 430D & 318, 314, 214, 212, 210, 130, like new, 111; AC 716; (New) Johnson Loader For Cub Lobby; Loader For JD 400.

1975 Model Ford LTD Landau, One Owner, Fully Equipped.

Rotary Cutters: Woods HD 315 Batwing 1 yr. old; Used Brillion 12'; Used FMC 13'; Used Woods 7'; Woods D80 Rotary Cutters.

Manure Spreaders: NI 206; Hedlund Martin S1263 Scavenger; NI 12A, Excellent; Calumet 3250 Tandem Tank, JD 54 Spreader.

Trailer load of (New) Killbros Bire & Running Gears, Used Kill Bros 375 Bin w/Auger, New E-Z Trail 10T Running Gear, Oliver 6T Running Gear, Hobbs 1030-985 Ft Irrigation Reel w/Nelson Big Gun, Used One Day, Farmrite 500 gal Sprayer, New Demco 500 gal Sprayer, John Blue 1000 Tandem Axle Sprayer, Full equip., like new, Rex 400 Gallon Sprayer, Artsway 850A Wagon w/ Scales, Gehl BF190 Feed Wagon, Badger Liq Tank, like new, Field Queen 1408 Side Dump Wagon, Bestland Rock Picker, Woods 106 Ditch Cutter, IH 115 Side Mount Mower, (New) McKee Snow-Blower Front-Mount, JD Quick-Couplers, JD 42' Cast Wheels and Tires, IH Flat Top Fenders For 706-1466, CABS For Tr (SOLD) Cab For 84 & 85 Series, Like New, IH 66 Series, (New) Full Vision Cabs For MF 275 & 285, Cab For Case 70 Series JD & IH Front & Rear Wts, JD 243 Corn Head w/Adaptor Plate

IH Loadstar C01800 w/Grove Rollback

Muv-All 30' Hyd Implement Trailer JD Roll Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

Heavy Front JD blade for 3020 & 4020, etc., 20 sets of Dual Wheels

STRAW CHOPPERS: For JD 4400, 6600, 6620, 7700, MF 510

MECHANICS SPECIALS: TRACTORS JD 4230 P.S. - Trans, 4020 Tr, 4320 w/Cab

IH 1256 - Motorwork, \$3,950

CASE 1410 - Needs Motor

AC XT190, clutch, \$3,950, JD 4520 w/ Cab, \$6,950, Farmall 1586 w/fire damage-cab



NEW IDEA CORN PICKERS
BELOW WHOLESALE
Truckloads of 1R #323 & 2R #324 Pickers. Also Super Shellers Below Dealer Cost Dealers Welcome Also

NEW IDEA
Available Only From Stitzel's Excellent Financing Available

New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

Super 6, 4WD w/3 pt.; (52) Ford 8N; Ford 600.

OLIVER 1855 w/New Tires; Oliver 2050; 1950 T w/Cab - \$5,975; 1650 D., WF w/3SP.

WHITE (New) 2-65 w/F.W.D. & (New) 1730 Loader - List \$29,000 Sale - \$18,900; White 4-150 4WD Cab & Air, 2800 hrs.; White 2-135 CA.

MISC. Versatile 500, 4WD, 3 pt. & PTO; (81) Deutz DX 160 CA., Very Nice; M.M. Vista G1000; Long 460 Dsl., 4WD, w/loader.

Tractors & Equip. Just Traded:

JD 4850 C.A., P.S., MFWD, Full Equipment w/Duals; JD 4650, C.A., P.S., MFWD; NH 355 Grinder Mixer, Excellent; JD 530 Round Baler; 1973 JD 6600 D w/443 C.H.; JD 2020 Gas w/#48 Loader; JD 720D, JD A w/227 Mtd. Picker, Farmall H; Wesco 6R S Time Cultivator; Dan-huser Post Hole Digger; JD 160 Riding Tractor; Case 1835D Skid Load-

Largest Selection Of Farm Equipment In The East

USED EQUIP.



JD 4630 Tractor w/Cab
JD 4430 Tractor w/Cab
JD 2640 Tractor
IHC 856 Tractor
Case 770 Tractor
JD 1240 Corn Planter
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons. Planter
NI #323 1 R Corn Picker
JD 27 Shredder
NH 489 Mower Conditioner
JD 1217 Mower Conditioner
JD 1209 Mower Conditioner
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 350 5 btm. Plow
JD 8250, 18x7 Grain Drill
JD 8350 18x7 Grain Drill

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
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Cowan Equipment

Martinsburg, PA

814-793-4293 Day or Evening

JD 2940, 4 WD
JD 4040, 4 Post
JD 2840, excellent.....\$9,000
JD 2640, late model, low hrs.\$11,500
JD 2630, Excellent.....\$7,500
JD 2040.....\$6,000
JD 4430, cab, & air, quad range
JD 4230.....\$8,500
JD 4020, 72 model, power shift
White 2-150, cab & air.....\$8,000
White 2-105, cab & air
Oliver 1850 diesel.....\$6,000
Oliver 1650, new rubber, 2,200 hrs.\$5,500
AC 7000, excellent condition.\$8,500
AC 200 w/cab, excellent
MF 1135.....\$6,500
MF 1085 w/Cab.....\$8,000
Case 1410 w/loader.....\$6,500
Cat D6C, power shift.....\$25,000
JD 350 Crawler Loader, Excellent
Long 3 pt. backhoe.....\$2,750
Snap on duals, 18.4x34 w/tires \$450
Ford Dump Truck.....\$1,500

AC GLEANER F MODEL DIESEL COMBINE

With 4 RN or wide corn head, 13" grain head, all in excellent condition, \$10,000
IH 510 grain drill, 16x7 staggered double disk, used less than 150 acres, same as new \$3,000
Farm Hand grinder blower, In excellent condition \$3,500
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JD 450D

1984 6 Way Dozer

JD450C-B 6 Way Dozers
JD310A-410 Backhoes
JD 555-450C-350 Crawler Loaders
JD 401 Tractor PTO-3 Pt. Hitch

Call Dick Landes
215/679-5958

JD Equipment
Pennsburg, PA 18073



Financing Available Thru Agri Credit Corp.

35 Used Combines To Choose From

1984 MF 850 Hydro.....\$48,000
1984 MF 850 Hydro.....\$34,000
1982 MF 850 Hydro.....\$29,000
1980 New Idea Uni 801 Hydro 4 Wheel Drive..\$26,000
1980 New Idea 844 4 Row 30" Corn Head.....\$4,500
1978 MF 760 Hydro 4 Wheel Drive.....\$22,000
1978 MF 760 Hydro 960 Hrs.....\$22,000
1978 MF 750 Hydro.....\$19,000
1978 MF 760 Hydro.....\$18,000
1978 MF 760 Hydro.....\$17,000
1978 JD 7700 Hydro.....\$18,000
1978 JD 7700 Hydro.....\$17,000
1977 MF 750 Hydro.....\$15,000
1977 MF 750 Hydro.....\$15,000
1977 MF 750 Gear Drive.....\$18,000
1977 MF 760 Hydro.....\$15,000
1977 MF 750 Gear Drive.....\$14,000
1977 Gleaner M2 Gear Drive.....\$12,500
1976 MF 760 Hydro.....\$11,000
1974 MF 760 Hydro.....\$12,000
1973 MF 510 Gear Drive.....\$5,500
1971 MF 510 Gear Drive.....\$3,000
1969 MF 510 Hydro.....\$7,500
1969 MF 300 Gas.....\$3,000
1969 JD 6600 Gas.....\$3,500
1968 MF 510 Gear Drive.....\$2,500
1968 MF 300 Gas.....\$3,000
1966 MF 510 Gear Drive.....\$2,500
1965 MF 410 Gas.....\$2,000
1956 MF 82.....\$700
IH 91 w/Corn & Grain Head.....\$1,200
Gleaner E w/Corn & Grain Head.....\$1,500
JD 4400 w/Burnt Cab
MF 43 & 1143, 4R 30" Quik Tach Corn Head

USED EQUIPMENT

Tye 10 Ft. No-Till Grain Drill.....\$9,000
Glenco 12 Ft. Transport Disc.....\$6,200
Glenco 9 Tooth Soil Saver.....\$5,900
Glenco 7 Tooth Soil Saver.....\$4,900
MF 351 19 1/2 ft. Soil Finisher.....\$6,100
Landoll 10 ft. Soil Finisher.....\$3,200
Danuser Post Driver.....\$1,650
Danuser Post Hole Digger.....\$640
Danuser Wood Splitter.....\$780
Oliver 5-16 Auto Reset Plow.....\$1,450
Ford 3 Pt. 3-16 Plow.....\$600
MF 82, 3-16 Plow.....\$600
MF 880 Hyd. Reset 6-16 Plow.....\$4,650
MF 345 Spring Reset 3-16 Plow.....\$2,500
MF 82 Spring Trip Plow.....\$1,200
MF 41 3 pt. Sickle Bar Mower.....\$2,400
EZ Trail 6 Ton Running Gear.....\$550
EZ 475 Bu. Self Unloading Grain Cart.....\$6,400
N.H. Manure Spreader.....\$200
JD Loader To Fit 4320.....\$900
MF 12 Baler.....\$700
McCurty 12 Ton Running Gear.....\$1200
Kasten Manure Spreader.....\$1500
Ford 2-14 Plow.....\$150
MF 66 Spring Trp Plow.....\$450
MF 820 Hyd. 19 ft. Wing Disc.....\$8,500
MF 233 10 ft. Disc Harrow.....\$4,100
MF 124 Baler.....\$3,200
MF 120 Baler.....\$1,200
MF 124 Baler.....\$1,500
MF 260 Harvester w/2 Row Corn Head.....\$2,500
B-Z Trail Gravity Bin Wagon

DEMO & RENTAL TRACTORS

MF 290, 65 HP.....\$14,800
MF 270, 55 HP.....\$13,900

USED TRACTORS

JD 4840, cab & air
JD 4640, cab, air, power shift
JD 4630, cab, air, quad range
JD 4440, cab, air, power shift
JD 4440, cab, air, quad range
JD 4430, cab, air, quad range
JD 4240, cab, air, quad range
JD 2510
JD 2640, used 1,500 hrs.
JD 2510 Gas
JD 2240 w/cab & loader
JD 2040 w/loader, 1,000 hrs.
JD 3020 gas
JD 4020, new tires
IH 3288 w/2355 loader, cab & air, sharp
IH 1086, cab & air, western interior
IH 1086, cab & air
IH 886, cab & air
IH 886, 4 post, roll guard
IH 2400 w/loader, 500 hrs.
IH 70 hydro
IH 140 w/cultivator
IH 766 w/cab
IH 826 diesel
IH 544
Ford 5000 diesel
Ford 5000 Gas
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 2600 w/800 hrs.
Ford 2000
Ford 3000
AC 210 diesel
AC 180, gas
AC 185 w/loader
AC 200, like new
JD 3 pt. hitch backhoe, like new
MF 275 w/quick tach loader
JD 4250 w/15 spd. power shift, like new

INDUSTRIAL

JD 350B crawler loader w/winch & log forks
MF 200 crawler loader
1981 JD 300B tractor loader
1979 IH dump truck w/DT466, new 5 to 7 yard dump body
Ford 4500 TLB
Int. 7000 forklift
MF 40B forklift
Bobcat skid steer, used 400 hrs.
New Gehl 360 Skid Steer Loader

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
JD 518 spring reset
Large selection of 3 to 7 btm. plows
New JD 2700, 4-18 Toggle trip

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
MF 540 combine, used 1100 hrs.
JD 4400 diesel, rotary screen
JD 4420, like new
JD 3300 diesel, sharp
JD 3300 gas

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 6 row conservation, liquid
JD 7000 4 row liquid, like new

Used Moore
no-till grain drill

USED HARVESTERS

Fox Flail Head
Gehl Flail Head
Fox Custom 90
NH 718, sharp
Field Queen 3 row wide corn head

HAY EQUIPMENT

C 7" rotary sythe, used on 100 acres
JD 337 w/thrower, new
New JD 327 baler
NH 311 w/thrower, like new
NH 276 w/thrower

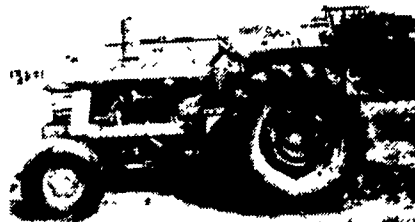
MISCELLANEOUS

JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
2 row narrow, 12 roll bed
NI Super Sheller, like new
NI 323 1 row picker
NI 2 row wide, 12 roll bed
Kewanee hydraulic fold 21' disc
Bush Hog plowing disc
Mordridge grain dryer, 400 bu.
Woods 215 15' mower, like new

D & R EQUIPMENT INC.

Ringoes, New Jersey
(201) 782-5082

USED TRACTORS



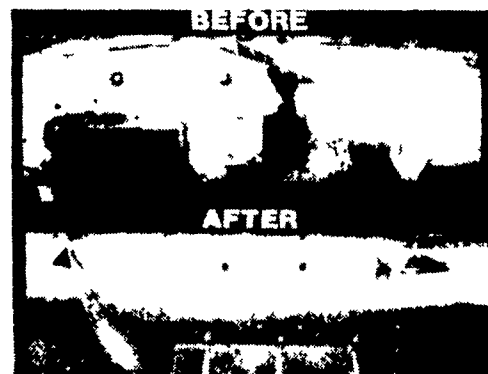
MF 285 w/New Tires & Overhaul.....\$8,500
MF 1080.....\$5,500
MF 1650 Garden Tractor w/Mower.....\$1,850
MF 245.....\$5,800
MF 275 Dsl. w/Cab.....\$8,400
MF 175.....\$3,200
MF Super 90 w/Ldr.....\$3,500

1980 Uni System, Only 1200 Hrs.



801 4 Wheel Drive Unit.....\$26,000
844N 4 Row 30" Corn Head \$4,500
15' Grain Head.....\$1,500

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JD 2030 Dsl., HU ..	\$ 7,500
JD 3020 Gas, S/R.	\$ 4,000
JD 4010 Dsl., S/R..	\$ 5,500
(2) JD 3010 Dsl., S/R.....	\$ 4,500
JD "B".....	\$ 995
AC 8050 Cab, P/S MFWD	\$23,500
Farmall M.....	\$ 1,500
Farmall A w/Mower	\$ 1,550
Farmall A w/Cult....	\$ 1,150
IHC 560 Dsl.....	\$ 3,350
MF 2745 Cab w/Dual Whls.....	\$17,500

*JDFP - Interest
Starts May 1, 1988*

Manure Spreaders

JD 54	\$1,450
JD 40	\$1,450
IHC 575.....	\$3,975
NH 519.....	\$1,775
NH 367 Tank-Type...	\$1,475
NI 218	\$2,750

Balers

(2) JD 346 w/JD 30 Ejector	\$4,250
-------------------------------------	---------

Mower Conditioners

JD 1209 9-Ft. 1980.	\$3,550
JD 1209 9-Ft. 1975.	\$2,450
IHC 990 9-Ft.	\$ 400
NH 469 9-Ft.	\$ 550
NI 270 7-Ft. Cut-Ditioner	\$1,350

Corn Planters

JD 7000, 6R30 Cons. Liquid, Unit Coulters	\$7,000
JD 7000, 6R30 Cons. Liquid, Unit Coulters	\$6,500
JD 7000 6R30 Dry Fert., Min-Til.....	\$6,200
JD 7000 6R30 Dry Fert., Auger Fill	\$5,750
JD 7000 6R30 Dry Fert., Auger Fill	\$4,350
JD 7000 6R30 Dry Fert., Min-Til.....	\$3,500
JD 7000 4R30 Cons. Dry Fert., Frame Coulters	\$7,000
JD 7000 4R30 Cons. Dry Fert., Unit Coulters	\$5,700
JD 7000 4R30 Dry Fert., Monitor	\$3,950
(4) JD 1240 4-Row....	\$ 850-
	\$1,450
JD 494A 4-Row.....	\$ 395

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Ford 240 11-Ft.	\$3,200
JD 315 13-Ft.	\$5,500
JD 110 14-Ft.	\$2,750
JD 1200 Offset.....	\$ 450
IHC 370 11-Ft.	\$1,750
IHC 350 13-Ft.	\$1,500

Plows

MF 4B18	\$1,000
(2) JD F125 3B16....	\$ 675
Ford 2B16.....	\$ 325
IHC 7-Tooth Chisel Plow.....	\$ 895

Miscellaneous

NH 450 Sickle Bar....	\$ 925
JD 567 Wheel Rake.	\$ 995
JD Double Windrow Attach For Mower Conditioner	\$2,850

Combines

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JD 7700 w/Cab, Gear, 15-Ft. Rigid	\$13,000
JD 6620 Side Hill w/Cab, Hydro 15-Ft. Flex, 643 Corn Head.....	\$49,500
JD 6600 Side Hill w/Cab, Gear 15-Ft. Flex, 643 Corn Head.....	\$22,000
JD 6600 w/Cab, Hydro, 13-Ft. Rigid.....	\$16,000
JD 4400 w/Cab, Gas, 13-Ft. Rigid.....	\$ 8,000
JD 4400 w/Cab, Gas, 13-Ft. Rigid.....	\$ 5,000
JD 45 w/10-Ft. Rigid.....	\$ 1,000
AC "F" w/Cab, 13-Ft. Rigid, 4R 30" Corn Head.....	\$11,500
MF 300 w/Cab, 13-Ft. Rigid, 3R 30" Corn Head.....	\$ 4,500

Special Terms - No Interest Til Sept. 1, 1988

Forage Equipment

JD 5440 S.P., Cab, Pwr. Rear Whl. Drive Dura-Drum Cutterhead.....	Coming In
JD 5400 S.P., Cab, Pwr. Rear Whl. Drive 3R 30" Corn Head.....	\$21,000
NH. 782 w/2R, Hay P-U	\$ 6,000
JD 38 w/5½ -Ft. Hay P-U	\$ 1,500
JD 35 w/5½ -Ft. Hay P-U	\$ 1,500
(2) JD 716 Forage Wagons w/Roof JD 1075 Running Gear	\$ 5,000
(3) Badger 16-Ft. Forage Wagons w/Roof, Tandem Axle.....	\$ 4,000
JD 125 Forage Wagon w/Roof JD 1275 Running Gear	\$ 2,500
Grove Forage Wagon	\$ 1,000

Special Interest Waiver Until May 1, 1988

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- Case 430
- Case 1030
- White 2-105 Tractor
- David Brown 990 w/loader
- David Brown 1200
- Farmall M
- AC 5050 w/loader
- WC Allis
- 656 Int. w/2000 Loader

LOADERS

- Case 580B Loader
- Case 1816 Loader
- Case 1830
- Case 1835 Uni-Loader
- Case 1845 Diesel
- Case 1737 Loader
- Case 450 Crawler Dozer
- Case 450B Crawler w/6-Way Blade, Less Than 100 Hours!
- Case 1830 Uni-Loader
- IH 2000 Loader

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- IH 3-16 Plow, Auto. Reset
- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow, 10'
- Case Field Cultivator
- Case 13' Disk, F21
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker
- Rotary Hoe

MISCELLANEOUS

- King Wise 32' Elevator
- Smoker 24 Ft. Elevator
- Zimmerman 36' Elevator
- 36 Ft. Portable Grain Auger
- Gehl 99 Blower
- JD Blower
- IH 56 Blower
- Int. 56 4-Row Planter
- JD 8350 Grain Drill, 24x6 DD
- IH No. 10 13-Disc Drill
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 2900 Spreader
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- IH 595 Spreader
- Weaverline Cart, 30 Bushel

HARVESTING EQUIPMENT

- Hesston 2000-100 Harvester
- Hesston 2000-150 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NH 1469 SP Haybine
- Hesston PT 10
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- Hesston 1014 +2, 14 Ft. Windrower
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- JD 4050 Quad, cab & air
- 1980 4640, fact. cab & air, quick hitch, fully equipped
- 1981 4440 quad, fact. cab & air
- JD 4240, PS, fact. cab & air
- JD 4240 Quad, fact. cab & air
- '77 JD 4430, cab & air, quad, very nice
- JD 4230, factory cab & air, quad range, very nice
- JD 3020 gas, WF w/loader, nice
- JD 820 D, 2 cyl. PTO & hyds.
- IH 4166 cab & air, 3PT & PTO, 2300 hrs., very nice
- IH 3688, fact. cab & air, sharp
- IH 1486, fact. cab & air, dual PTO & hyds, new TA, clean tractor
- IH 1456 w/fact cab.
- IH 1456, fender tractor w/new TA, very sharp

- 1981 IH 1086, fact. cab & air, low hrs.
- IH 1086, cab, air, fully equipped
- IH 986, 1980 model, fact. cab & air, 3 outlets
- IH 986 cab & air, radials, new TA
- IH 1466, red cab w/air, very clean
- IH 1466, factory cab & air, dual PTO & hydraulics
- IH 1066 factory cab & air
- IH 966 fender tractor
- IH 886 w/fact. cab & air, rebuilt engine & TA
- IH 886 4-post, canopy
- IH 1206 Fender Tractor, very nice
- IH 806, WF, 3PT, diesel w/year round cab, very good
- IH 806, WF, 3PT, diesel, nice, late model
- IH 656 D, nice
- IH 484 diesel w/Allied model 380 loader, 1985 w/173 hrs. w/shuttle, like new
- Ford 5000 Del., general purpose, sharp

HARVESTING EQUIPMENT

- MF 550, gray cab & air, late model, low hrs, nice w/13' head, U2 reel & 1143 4 row narrow
- NI 801 fact. cab & air, rear wheel assist w/16 roll husking unit & 6RN head
- NI 709, cab, air, hydro, late model
- NI 708, cab, hydro (local farmer must sell)
- NI 705 diesel, needs engine work
- NI 704 Gas, late model
- NI 702 Gas w/cab
- NI 702, 727 husker w/3 or 4R head
- NI 717 & 710 Combines
- NI 727-737-838 Huskers
- NI 716S Gas w/lead

- NI 767 S.C. & 760 Choppers
- NI 740 & 741 Quick Tach Throats
- NI Chopper Heads wide & narrow
- NI 2 to 6R heads wide or narrow
- NI 769 Fall-mate for Uni Chopper
- NI 325 12 roll narrow picker
- NI 323 Picker, cheap
- New MF 1143 4RN corn head
- MF 13' flex w/U2 reel
- MF 13 grain head
- JD 443 4RN Corn Head
- JD 343 corn head, 3RN

NI 325 2RN
w/12 roll husking unit,
very nice, shedded

IMPLEMENTS

- IH 400 no-till planter, 4RN
- IH 6000 Conservation till chisel, 13-tooth
- JD 110 Disc, 14'
- JD AW Disc, 14'

- Krause pull type chisel, 10-tooth
- Glencoe Soil Saver, 7-tooth, like new
- IH 500 12' plowing disc
- IH 37 10' Disc, nice.

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7181	NI 224 Manure Spreader, 10T Tandem Axle, Hydraulic End Gate, good condition	\$4400	\$2500	
7890	NI Uni 729 A Sheller, Fair Condi- tion	\$2000	\$ 900	
7691	NI 214 Manure Spreader, Flail Beater, Hydraulic End Gate, 540 PTO, Fair	\$1500	\$ 895	
6482	Fox 546 Forage Harvester, Base Unit Only, Fair Condition	\$1500	\$ 700	
6763	Niemeyer TE250 Power Harrow, 8' Forage, 3 pt., 540 PTO, Excellent Condition	\$3900	\$2500	
7777	Oliver Grain Drill, 13x7, Single Disk Openers, Fertilizer no Good, Grass Seeder	\$ 750	\$ 450	
4992	NI 729A Uni Corn Sheller, Fair Condition	\$3000	\$1200	\$ 900
6746	Hawk Bilt 357 Flail Shredder, Tan- dem Axle, Good Condition	\$3900	\$1500	\$1350
5375A	Kwik Way Loader, Fits IH 284 Tractor, Weathered but Good Con- dition	\$ 950	\$ 800	\$ 750
7714	Papac 54 Blower, 54" Fan, 540 PTO, Fair	\$ 795	\$ 530	\$ 460
637	Papac 180 Forage Harvester, 2RN Corn Head, Hay PU, Needs Work	\$3500	\$1640	\$1500
7188	IH 550 Manure Spreader, Top Beater, Single Axle, Steel Apron, Good Condition	\$1750	\$1000	\$ 900
5962	New Idea 314 Corn Sheller Fits a 324 or 325 Picker, fair condition	\$ 595	\$ 325	\$ 200
7026	Badger BN2400 Silo Unloader, 24' Pack Drive (You won't buy parts any cheaper)	\$1000	\$ 350	\$ 190
6474	New Idea 844W, 4RW Corn Head Fits NI Uni Sheller, very good con- dition	\$6500	\$4400	\$3450
3642	Fox C54, 1R Corn Head, Fits 546 Forage Harvester	\$ 495	\$ 100	\$ 55
7776	IH 56 Blower, 56" Fan, 540 PTO, Completely Rebuilt, very good condition	\$1695	\$1450	\$1200
4208	NI 710 Uni Combine, fair condition	\$2200	\$1050	\$ 633
4917	NI Uni Corn Head Adaptor, Fits 760 or 767 Forage Harvester, Not Complete	\$ 800	\$ 350	\$ 215
5173A	NI 720 Uni Corn Head, 2RW, Fair	\$ 695	\$ 380	\$ 259

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21 w/Turf Tires
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JD 4230 Fender Tractor
JD 4440
Ford 801 Diesel

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New 8,10 & 12 Ton Zimmer-
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NH 890 Harvester w/5 Ft. Hay
P/U & 2 R Corn Head
JD 3960 Harvester w/5 Ft. Hay
P/U & 3 R Corn Head
JD 343 Corn Head w/Harvester
Adapter
1 Used Dion Wagon

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New 12 Ft. Disk
New White 3Bt. Rollover Plows
New White 435 Disk Chisel
IH 470 Disk
Used JD 310 Disk
Used JD AW Disk

MISCELLANEOUS

1 Set 18 4x38 Duals, 9 Bolt
Hubs To Fit JD 4430
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White Planter
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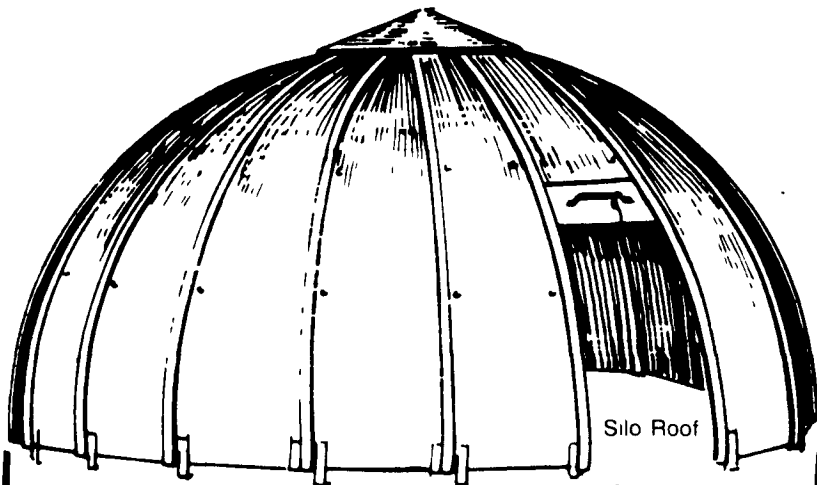
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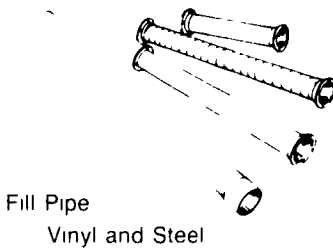
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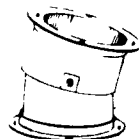
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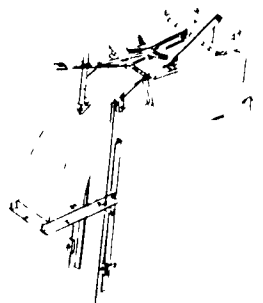


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JD 7700 Hydro, Rotary Screen, 15 ft. Platform,
1971
JD 15' Rigid Platform
AC 4RW Cornhead for M or M2
JD 643 CH 6 R Narrow Old Style

TRACTORS

AC 7000, Cab
IH 460 Utility Gas
IH Cub 154 Loboy
JD 2940, No Cab

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AC 330 4 R Planter
JD 7000, 8RN No-Till Liq. Fert.
JD B Drill 17x7

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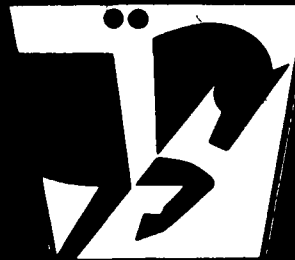
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• IH 560..... \$3,000
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• IH 656..... \$2,950



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Weaverline Cart
Lagoon Pump
Lagoon Super Mixer
Forage Wagons
Forage Blowers
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Oswalt Mix Wagons
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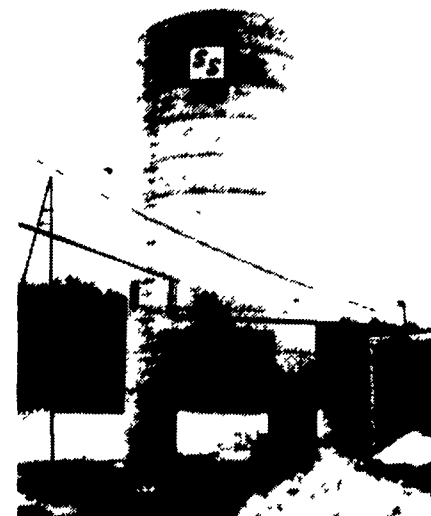
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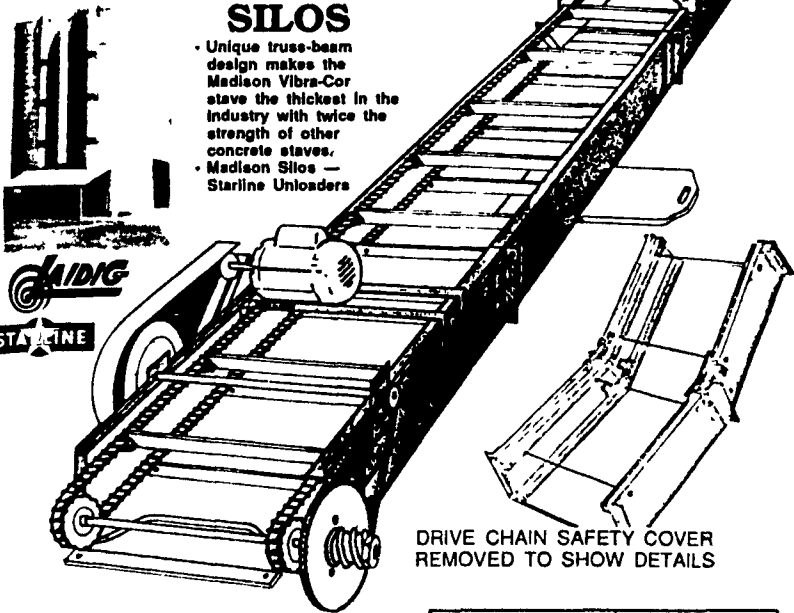
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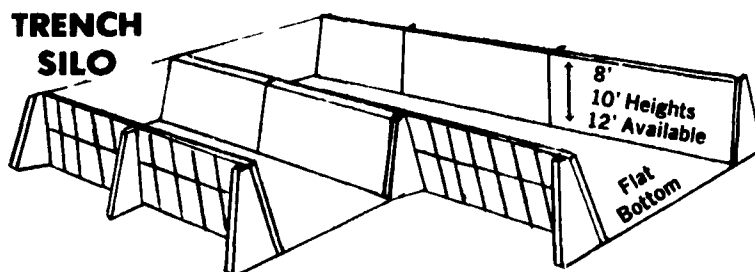
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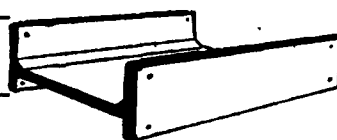
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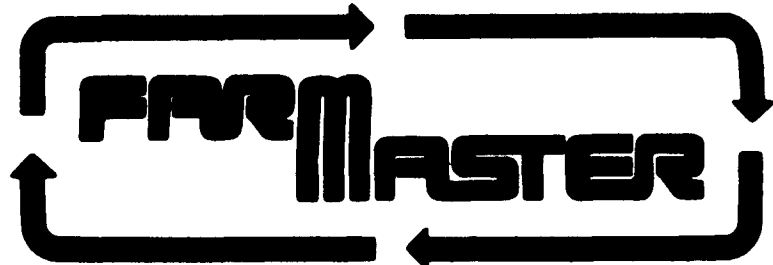
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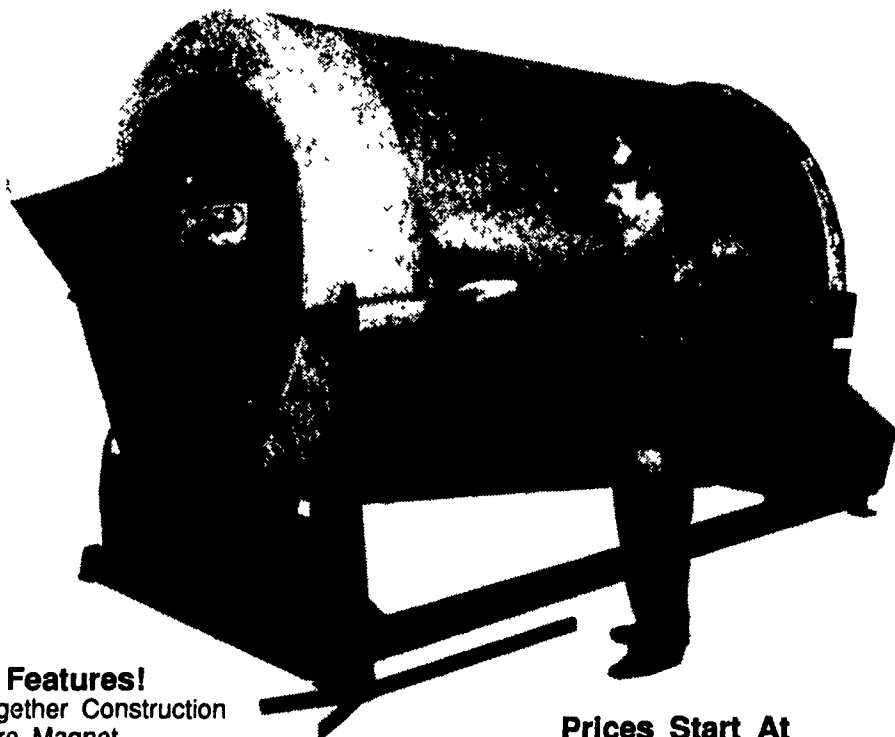
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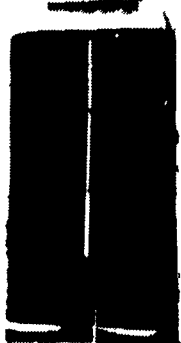
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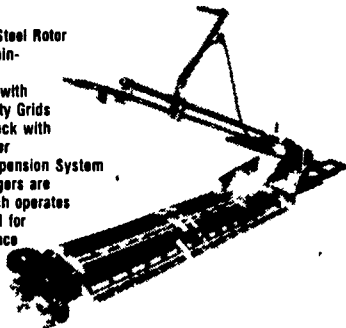
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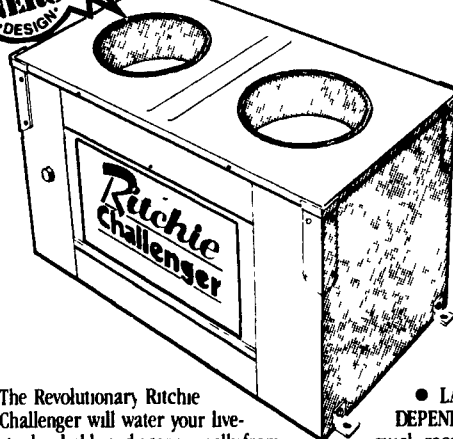
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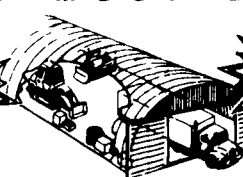
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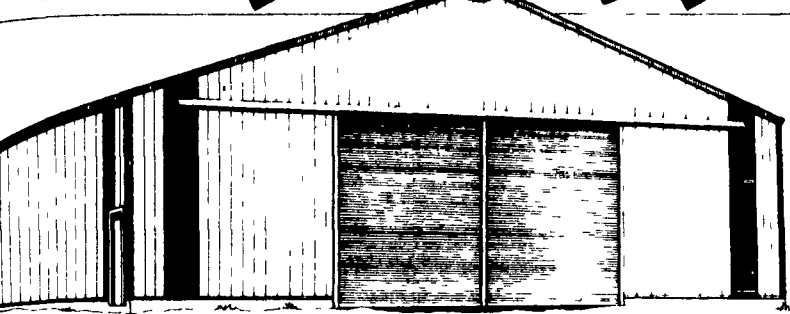
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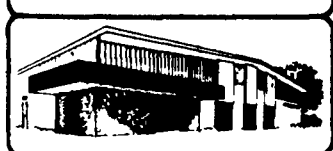
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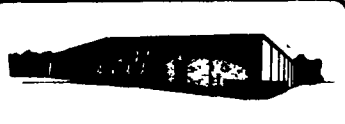


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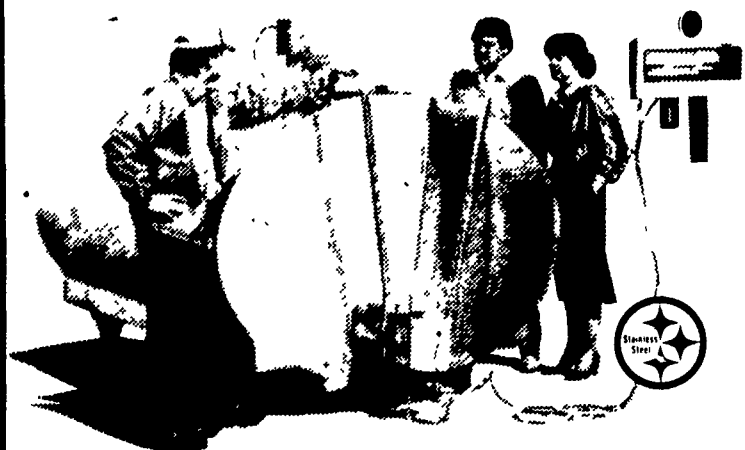
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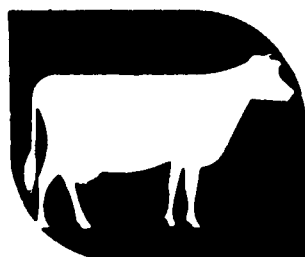
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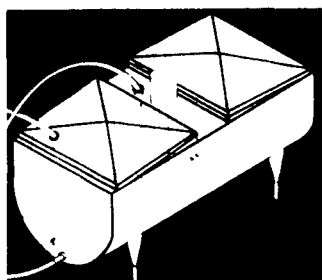
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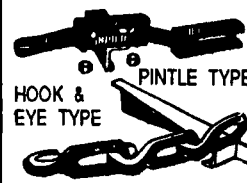
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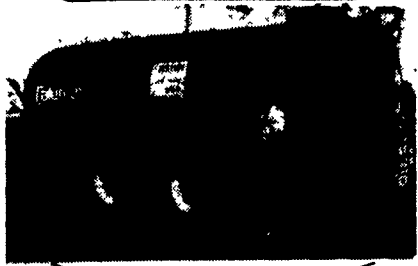
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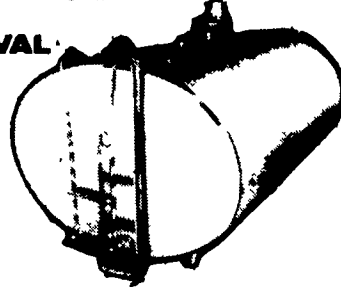
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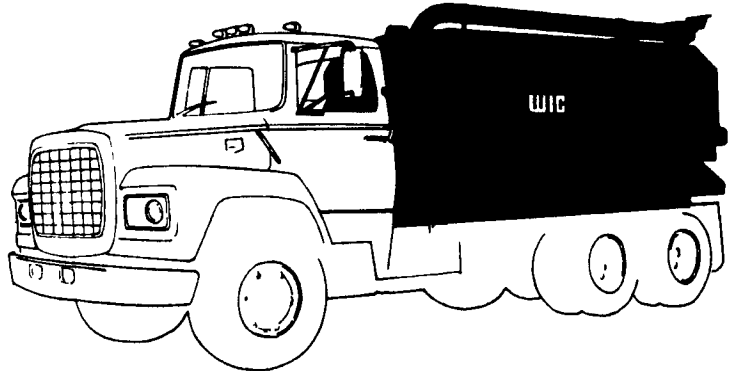
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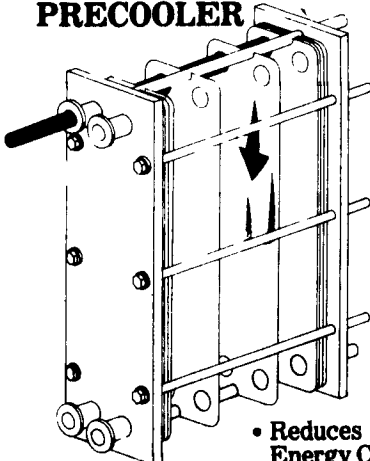
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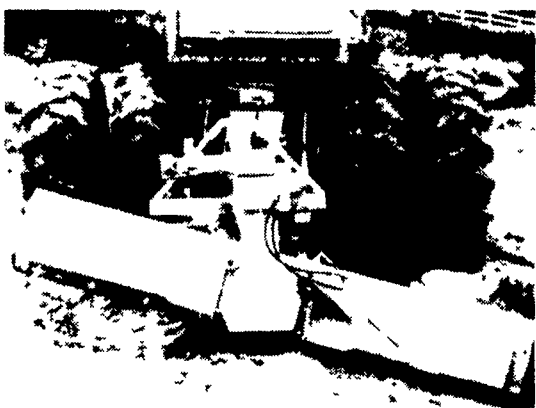
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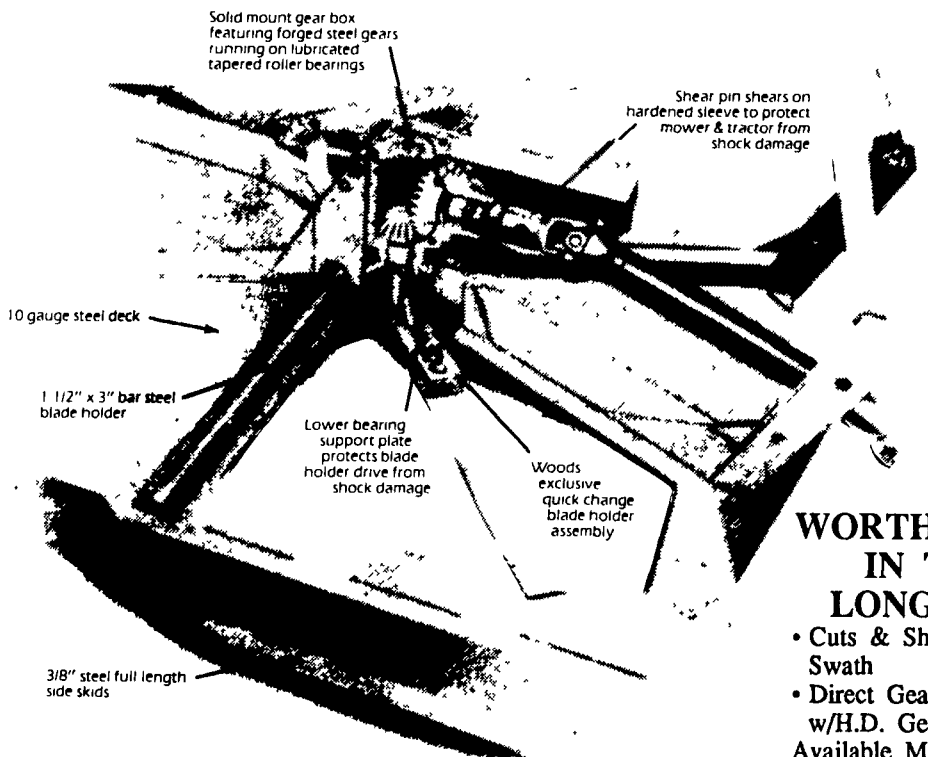
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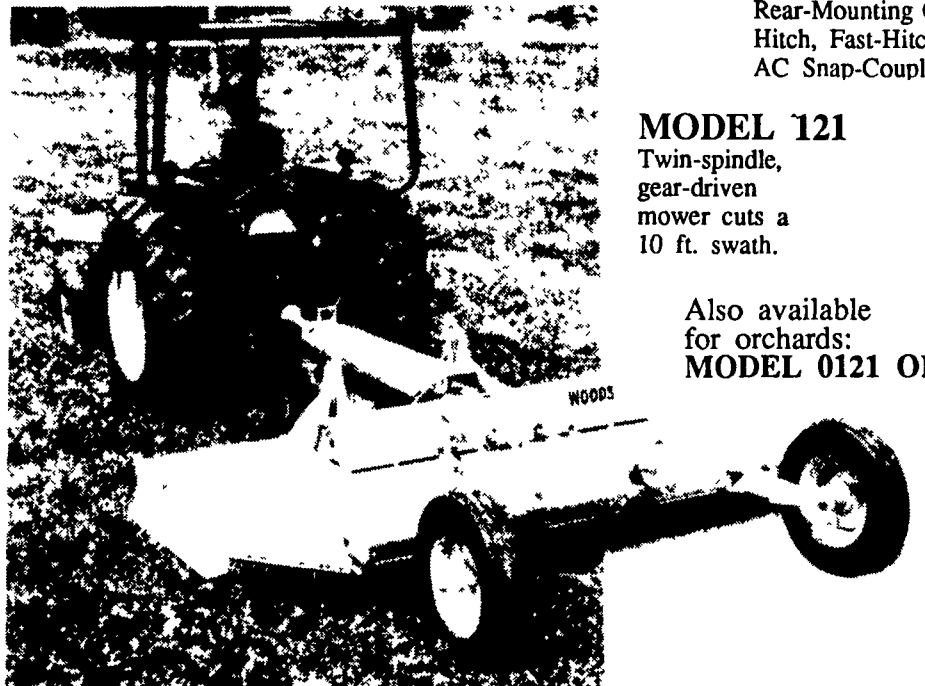
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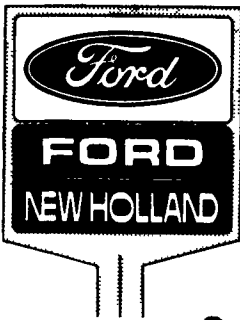
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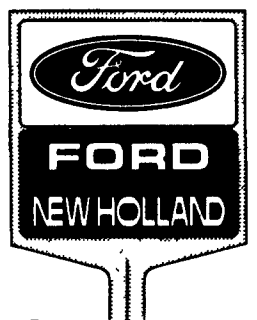
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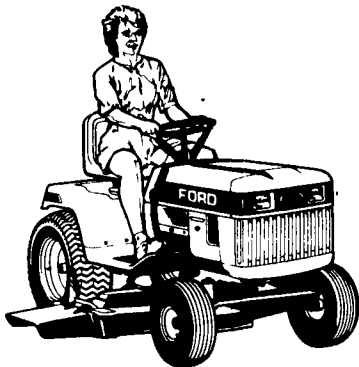
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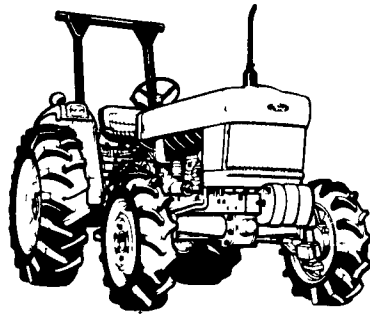
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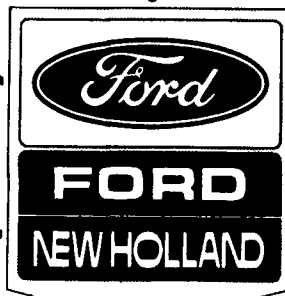
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Weaver, Weaver and Chianina-Angus Sweep 4-H's Beef Roundup

NEW HOLLAND — Jodie Weaver, daughter of Larry Weaver, New Holland, won the grand champion title of the Lancaster County 4-H Beef Roundup, Friday, November, 13.

The 1,180 pound Chianina-Angus steer had the edge on nearly 35 other top competitors as judged by Scott McIntire of White Post, Virginia. Weaver's steer took the lightweight championship to put him in the running for the grand title.

Taking the reserve grand champion title was Emily Weaver (no relation to Jodie). She is the daughter of Roy and Carol Weaver of Ephrata. The 1,200 pound Chianina-Angus took the medium-weight champion title.

Ten exhibitors have qualified to compete at the Pennsylvania Farm Show in January. They are: Shawn Little, John Hess, Robert Kreider, Heidi Frey, Sharon Harnish, Tracey Landis, Jodie Weaver, Anna

Marie Frey, Emily Weaver, Angie Longenecker, Julie Greider, Lloyd Reiff and Doug Musser.

Beef and Lamb Sale

There were many smiling faces among the crowd at the New Holland Sales Stables on Saturday afternoon. Usually buyers are not the smiling, but these people were a very special group of buyers. They took time out of their busy schedule to show their support for the young people who dedicate so much of their time, talent and efforts to their 4-H projects.

There was much handshaking going on among buyers, sellers, 4-H leaders and parents after the dust settled in the sales arena as the final market steer was sold. The auctioneer urged everyone to support those people who showed their support by purchasing animals at the sale.

Wilmer Kreider, better known as 'Willie the Butcher' purchased

(Turn to Page D4)



Weaver Martin Livestock Hauling purchased Kristen Chupp's grand champion 4-H beef at New Holland Sales Stables for \$1.70/lb.



Nichole High, daughter of Mr. & Mrs. Larry High of Lititz, accepts the \$300 check from Lancaster Farming's Managing Editor, Everett Newswanger, given annually to the Lancaster 4-H reserve champion showman to be used towards the purchase of next years baby beef project.



The champion market lamb owned by Wendell Landis was purchased by 'Willie The Butcher' for Stauffers of Kissel Hill. Willie purchased 25 4-H animals at Saturday's sale.

Keystone Shepherd's Symposium Set For December

UNIVERSITY PARK — Sheep health and production economics are the major topics to be discussed at the second annual Keystone Shepherds' Symposium scheduled for The Ember's Quality Inn in Carlisle, Pennsylvania, Dec. 4-5.

Dr. Don Baily, noted practicing sheep veterinarian from Rosebud, Oregon will present sessions on reproductive diseases, when and how to assist the lambing ewe and information to improve lamb survivability. Dr. David Petritz, Purdue University, will be discussing ways the small sheep producer must manage his sheep enterprise for profit and also some of the economics of pasture renovation.

Dr. Keith Inskeep, reproductive physiologist from West Virginia University, will be presenting an update on estrus synchronization and artificial insemination of sheep.

Roger Wasson, executive director of the American Sheep Producers Council will be discussing producer-level lamb and wool promotional and marketing programs.

Dan Murphy, director, govern-

mental affairs for the National Wool Growers Association, will be the keynote speaker at the Dec. 4 banquet. Other sessions include how to use production records and use of the National Sheep Improvement Program (NISP) now being implemented by the American Sheep Producers Council.

Co-chairman for this year's symposium are James Sheeder, president of the Pennsylvania Sheep and Wool Growers Association and Claire Engle, sheep extension specialist, Penn State.

The symposium is sponsored by Penn State Cooperative Extension

Service, the Pennsylvania Wool Growers Association and industry related agribusinesses. The University of Pennsylvania Veterinary School, the American Sheep Producers Council, and the National Wool Growers Association are also sponsors.

Contact your county Penn State Cooperative Extension office for program brochures and registration details or write to: Conferences and Short Course Office, 306 Agriculture Administration Building, University Park, PA 16802, or phone (814) 865-8301. Pre-registration deadline is Nov. 25.



Sheep health and production economics are among the subjects that will be discussed at the Keystone Shepherd's Symposium.

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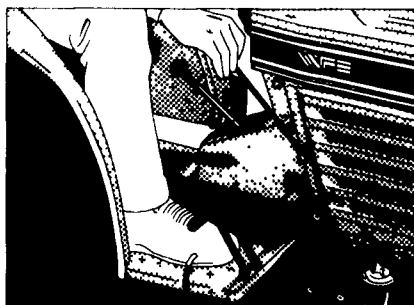
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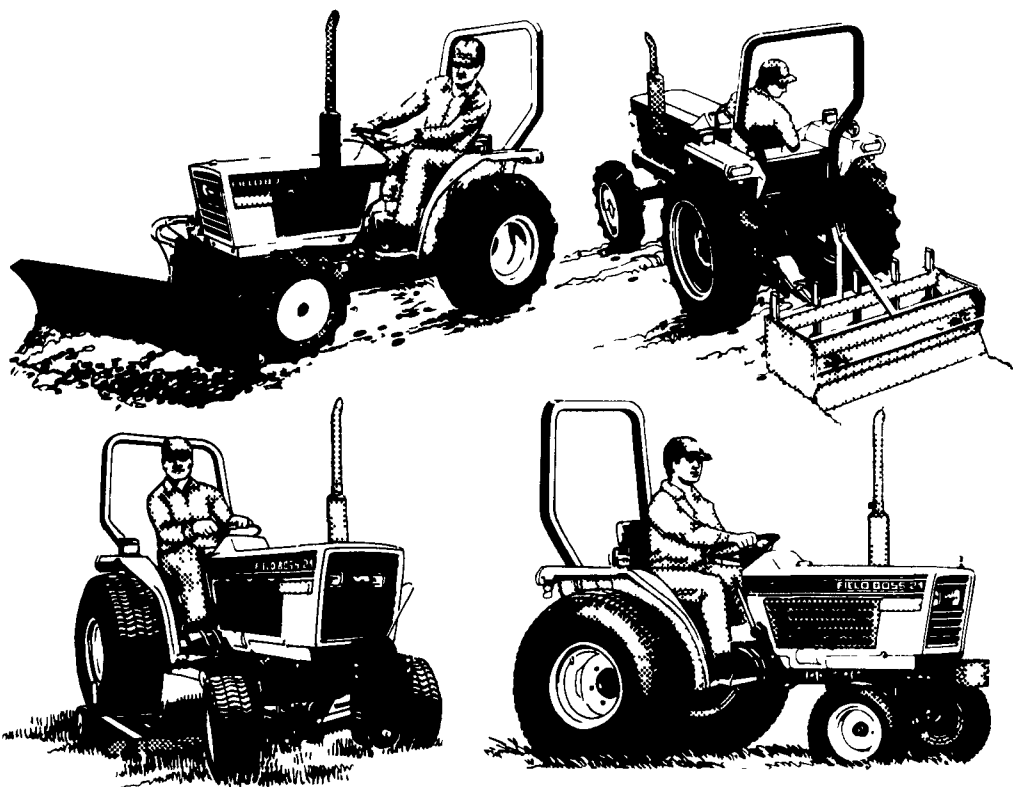
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Weaver, Weaver

(Continued from Page D2)

25 of the 4-H animals for Stauffers of Kissel Hill making him the day's top volume buyer. Walter M. Dunlap and Sons of Lancaster Stockyards was also a large volume buyer purchasing eight of the market lambs. The New Holland Sales Stables bought six market animals.

Wendell Landis sold his champion market lamb to Willie the Butcher for \$2.50 per pound. Carrie Groff sold her reserve champion market lamb to Hess Mills of Paradise for \$2.00 per pound.

The grand champion market beef of the southeast district and the Lancaster County champion exhibited by Kristen Chupp was sold for \$1.70 per pound to Weaver Martin Livestock Trucking of East Earl. Jay Hess' reserve grand champion sold to Willie the Butcher for \$1.14 per pound. Martin Rosenberger sold his Cheser County market beef champion to Willie the Butcher for \$1.22 per pound.

Hamilton Bank purchased a beef from Jennifer Shellenberger and a lamb from Joelle Boll and donated both animals back to the beef club for their annual banquet. Farmers Ag Credit purchased a lamb and also donated it back to the club for banquet use.

4-H Beef Round-Up Lightweight Class 1

1. Jeremy Longnecker, 2. John Hess, 3. Robert Kreider

Class 2

1. Sharon Harnish, 2. Marcus Kline, 3. Mike Craig

Class 3

1. Jodie Weaver, 2. Jessica Hertzog, 3. Elizabeth Hess.

Lightweight Champion

Jodie Weaver

Reserve Champion

Sharon Harnish

Class 4

1. Emily Weaver, 2. Angie Longnecker, 3. Casey High

Class 5

1. Lloyd Reiff, 2. Scott Hertzog, 3. Chris Miller

Class 6

1. Vicky Hess, 2. Deb Wogelmuth, 3. Doug Musser.

Mediumweight Champion

Emily Weaver

Reserve Champion

Vicky Hess

Class 7

1. Kristin Chupp, 2. Nichole High, 3. Diane Musser

Class 8

1. Fred Weaver, 2. Jimmy Landis, 3. Kreg Weaver.

Class 9

1. Patti Greider, 2. Jay Hess, 3. Marsha Dehney

Heavyweight Champion

Kristin Chupp

Reserve Champion

Nichole High

Grand Champion

Jodie Weaver

Reserve Grand Champion

Emily Weaver

Showmanship

Class 1

1. Julie Greider, 2. Anna Marie Frey, 3. John Hess.

Class 2

1. Angie Longnecker, 2. Jodie Weaver, 3. Kristin Chupp

Class 3

1. Nichole High, 2. Deb Wogelmuth, 3. Dwain Livengood.

Class 4

1. Jeremy Longnecker, 2. Diane Musser, 3. Shawn Little.

Class 5

1. Jay Hess, 2. Elizabeth Hess, 3. Marcus Kline.

Class 6

1. Heidi Frey, 2. Brad Linton, 3. Tim Craig

4-H Lamb Sale
Wendell Landis, 125 lbs., \$2.50, Willie The Butcher.

Reserve Champion

Carne Groff, 125 lbs., \$2.00, Hess Mills

Reserve Heavy Weight

Jane Endsow, 130 lbs., \$1.00, Willie The Butcher.

Reserve Medium Weight

Ellen Lewis, 120 lbs., \$1.35, Kenny The Butcher

Reserve Light Weight

Jason Stoltzfus, 110 lbs., \$1.10, Meadow-wood Farms

Results

Tracy Bollinger, 145 lbs., \$.85, Willie The Butcher

Phil Yeagley, 130 lbs., \$1.20, Harnsburg Country Club

Ellen Lewis, 120 lbs., \$1.15, Willie The Butcher

Mark Tracy, 130 lbs., \$1.05, Dunlaps



Carrie Groff's reserve champion went to Hess Mills of Paradise represented by Gary Dean.

Jennifer Nestleroth, 155 lbs., \$.90, Dunlaps

Jodie Weaver, 145 lbs., \$1.40, Zooks Molasses.

Lone Boll, 125 lbs., \$1.10, Willie The Butcher

Carey Donches, 120 lbs., \$1.10, Dunlaps

Andrea Mylin, 140 lbs., \$1.00, New Holland Sales.

Diane Musser, 135 lbs., \$1.05, New Holland Sales

Amy Hoffines, 135 lbs., \$1.00, Dunlaps

Tricia Musser, 120 lbs., \$1.10, New Holland Sales.

Phil Yeagley, 115 lbs., \$1.40, Gegley Associates

Joelle Boll, 110 lbs., \$1.00, Willie The Butcher

Konrad Hess, 145 lbs., \$1.00, Kurt Umble

Steven Hilsner, 135 lbs., \$1.10, Farmers Ag Credit.

Mark Tracy, 145 lbs., \$1.10, Willie The Butcher.

Tracy Bollinger, 125 lbs., \$1.05, Willie The Butcher.

Jonathan Hilsner, 120 lbs., \$1.10, Willie The Butcher.

Tim Stoner, 120 lbs., \$1.10, Dunlaps.

Brad Wenger, 117 lbs., \$1.10, Weavers Markets.

Arissa Snively, 110 lbs., \$1.10, Willie The Butcher.

Arissa Snively, 100 lbs., \$1.15, Willie The Butcher.

Jonathan Hess, 140 lbs., \$1.10, Kurt Umble.

Carolyn Nestleroth, 140 lbs., \$1.00, Dunlaps.

Joelle Boll, 130 lbs., \$1.05, Hamilton Bank.

Peter Hoffines, 125 lbs., \$1.10, Willie The Butcher.

Aaron Groff, 125 lbs., \$1.05, Dunlaps.

Matt Rush, 125 lbs., \$1.10, Willie The Butcher.

Matt Rush, 80 lbs., \$1.35, Willie The Butcher.

Southeast District

4-H Beef Sale

Grand Champion

Lancaster County Champion
Kristen Chupp, 1285 lbs., \$1.70, Weaver Martin Livestock Trucking.

Reserve Grand Champion
Jay Hess, 1345 lbs., \$1.14, Willie The Butcher.

Chester County Champion
Martin Rosenberg, 1265 lbs., \$1.22, Willie The Butcher.

Champion Lightweight
Casey High, 1175 lbs., \$.89, Ephrata National Bank

Champion Middleweight
Jimmy Landis, 1260 lbs., \$.82, Titus Rutt Agency.

Reserve Champion Lightweight
Elizabeth Hess, 1175 lbs., \$.84, Lancaster Ford Tractor, Inc.

Reserve Champion Middleweight
Vicky Hess, 1230 lbs., \$.83, Lancaster Ford Tractor, Inc.

Results

Jeremy Longnecker, 1030 lbs., \$.81, B R Kreider.

Chris Little, 1110 lbs., \$.80, Willie The Butcher

Robbie Rohrer, 1195 lbs., \$.80, Herr Foods, Inc

John Kettering, 1270 lbs., \$.80, Lancaster Farm Credit.

Marcus Kline, 1055 lbs., \$.78, Martin Paving.

Mike Craig, 1080 lbs., \$.80, Willie The Butcher.

Chris Miller, 1190 lbs., \$.71, Willie The Butcher.

Deb Wogelmuth, 1220 lbs., \$.84, Hamilton Bank

Diane Musser, 1260 lbs., \$.81, Messick Farm Equip

Fred Weaver, 1320 lbs., \$.82, Ephrata National Bank.

Patti Greider, 1360 lbs., \$.74, Willie The Butcher

Brad Linton, 1055 lbs., \$.74, Mt Joy Union National Bank

Stacey Linton, 1090 lbs., \$.71, Willie The Butcher

Anita Meck, 1165 lbs., \$.86, Earl Umble

Richard Cabot, 1190 lbs., \$.71, Willie The Butcher.

Nicole High, 1230 lbs., \$.78, Roy W Zimmerman

Ken Shellenberger, 1245 lbs., \$.76, Robert Shellenberger

Jennifer Shellenberger, 1265 lbs., \$.78, Hamilton Bank.

Kreg Weaver, 1315 lbs., \$.74, Marvin Miller.

John Crossan, 1455 lbs., \$.74, New Holland Sales Stable

Michelle Nissley, 1010 lbs., \$.75, Farmers First Bank

Tim Craig, 1110 lbs., \$.74, Herr Angus

Karen Becker, 1180 lbs., \$.80, White Oak Mills

Matt Howe, 1190 lbs., \$.76, Hamilton Bank.

Rob Rush, 1210 lbs., \$.73, Martin Limestone

Joe Garber, 1255 lbs., \$.83, Chrs Landis Investments

David Howe, 1265 lbs., \$1.00, Downingtown National Bank

Marsha Dehney, 1330 lbs., \$.75, Steve Petersheim.

Dwaine Livengood, 1350 lbs., \$.76, Virginia Cattlemen's Association

Derek Nissley, 1010 lbs., \$.74, Lancaster Level Flo

Greg Harnish, 1135 lbs., \$.73, Willie The Butcher

Jessica Hertzog, 1150 lbs., \$.75, Roy Buch

William Witwer, 1200 lbs., \$.77, Adamstown Farm Equipment

Scott Hertzog, 1215 lbs., \$.73, Reinhold Lumbers Supply.

Jeff Craig, 1240 lbs., \$.72, Willie The Butcher

Lane Lineberger, 1275 lbs., \$.72, New Holland Sales Stables

Corey Dehney, 1325 lbs., \$.80, Steve Petersheim.

Mark Leaman, 1370 lbs., \$.76, Stoltzfus Insurance Management

Jason Kettering, 1100 lbs., \$.72, Lancaster Level Flo.

John Leaman, 1190 lbs., \$.72, Kurt Umble

Terry Craig, 1215 lbs., \$.72, Willie The Butcher

Kurt Weaver, 1240 lbs., \$.74, Hamilton Bank.

Chris Bremer, 1285 lbs., \$.70, Willie The Butcher

Jason Kline, 1210 lbs., \$.80, Kingsway Realty.

Marcia Harnish, 1240 lbs., \$.74, Hamilton Bank

Andrea Nissley, 790 lbs., \$.65, John Hess

Ryan Rohrer, 1200 lbs., \$.68, New Holland Sales Stables.



Jay Hess' reserve grand champion went to the 4-H beef sale's top volume buyer, Wilmer Kreider, for \$1.14/lb. Kreider is better known as "Willie The Butcher" for Stauffers of Kissel Hill.



Jodie Weaver of New Holland captured the Lancaster 4-H Beef Roundup grand championship.



Emily Weaver of Ephrata took the reserve grand champion title in the Lancaster Beef Roundup.



Willie The Butcher purchased the Chester County champion from Martin Rosenberg for \$1.22/lb.

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Farm Opened For Hybrid Striped Bass

WASHINGTON, D.C. — A field trial project for raising hybrid striped bass in farm ponds began operation last month with an opening ceremony at Walnut Point Farm near Chestertown on Maryland's eastern shore.

The 6-year aquaculture project, using the expertise of federal, state, university, and private interests, will initially involve 24 underwater acres and is expected to produce at least 60,000 pounds of fish per year, according to U.S. Department of Agriculture officials.

The hybrid striped bass is a cross between the female striped bass, or rockfish, (*Morone saxatilis*) and the male white bass (*M. chrysops*). It has the same flavor and general appearance as a striped bass but is more disease-resistant and faster growing than either of its parents.

A fish with high commercial

potential, the hybrid striped bass is a promising alternative crop for east coast farmers. Increasing human population growth and industrial development along the coast have precipitated a decline of wild striped bass. Many States have closed their fisheries, and the fish industry is seeking new sources of supply.

While domestic supplies of many desirable fishes are declining, Americans are eating more seafood. From 1964-1986, per capita consumption of fish and shellfish increased 40 percent, for fresh and frozen fish. Orville G. Bentley, USDA's assistant secretary for science and education, said: "We hope to see the commercial production of hybrid striped bass help meet private sector needs and provide an alternative and profitable income-producing crop for east coast farmers and waterman."

Approximately 55 land acres of

the 750-acre farm are dedicated to the project. A 15-acre lake will hold water drained from the fish ponds, which will ensure no direct drainage from the culture ponds into Chesapeake Bay waters.

It takes about 18 months to raise hybrid striped bass from eggs to 1-1/2 --pound fish. Project construction in the first year will include eight fingerling production ponds of one-half acre each; four grow-out ponds of 2.5 acres each; six water supply wells, and a combination hatchery, storage, and extension education building. Development in the second year includes a pair of five-acre grow-out ponds.

At maturity, the project will contain 24 surface water acres, four dedicated to fingerling production, and 20 dedicated to the production of market-size fish.

Production costs are estimated at about \$1.00-\$1.50 a pound, and

the current New York price for striped bass and hybrid striped bass is between \$4.50-\$5.00 a pound. Market areas are identified, and Campbell Soup, Inc. has been named to handle processing and marketing. "Production of HSB," Bentley said, "is intended to fill a market void at a profitable price."

Cooperators in the project

include the Soil Conservation Service, the Cooperative State Research Service, and the Extension Service of the USDA; the Cooperative Extension Service and the Agricultural Experiment Station of the University of Maryland; Campbell Soup, Inc.; and Walnut Point Farm.

Record Number At NAILE

LOUISVILLE, KY — Record numbers of Jersey and Guernsey dairy cattle have been shown in the All American Jersey Show and National Guernsey Show at the North American International Livestock Exposition (NAILE) this week.

The All American Jersey Show featured 975 head of cattle, up from 546 head last year. When asked about the increased number of cattle in the show, Dick Brady, of Athens, Tennessee, indicated that dairy producers are breeding larger herds and concentrating on quality in recent years.

The National Guernsey Show showed an increase of 54 animals

from last year. Guernsey exhibitor, JoAnn Gierhart of Bryant, Indiana, said the show is "the biggest we've had in a while." Another breeder said, "more people have good animals to bring."

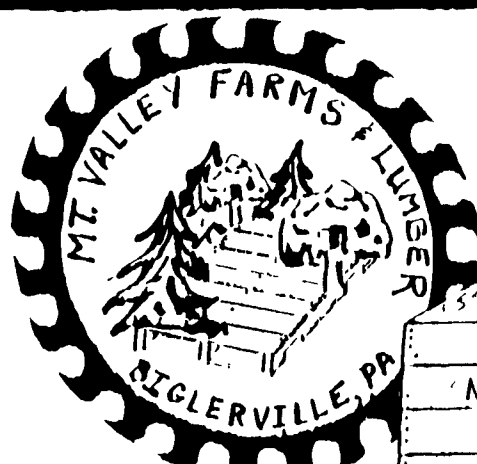
All American Jersey Show judge, Dr. Lee Majeski of the University of Maryland, commented, "this show has the best quality I've ever judged."

Grand Champion Female of the Jersey Show was Rich Valley T Bruce Virginia, owned by Marvin Ella of Hornby, Ontario. September Song, owned by Ann Kunkel of Carthage, Missouri, was the Guernsey Grand Champion Female.

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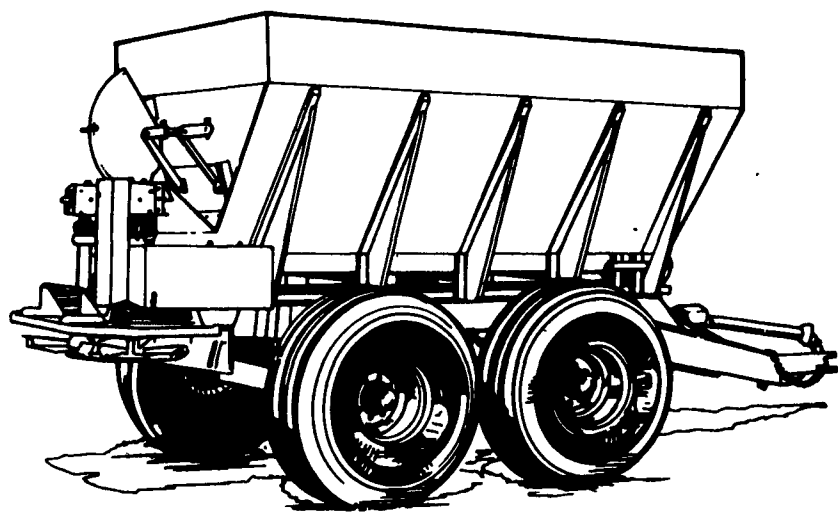
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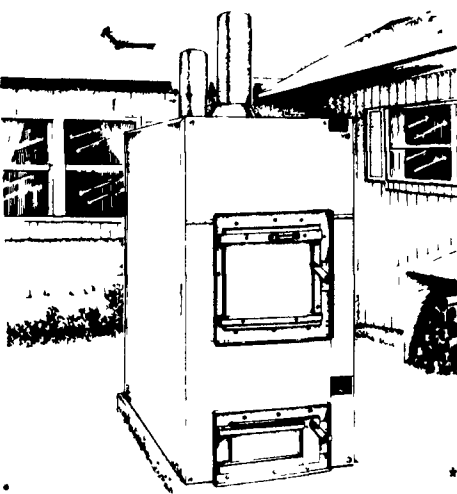
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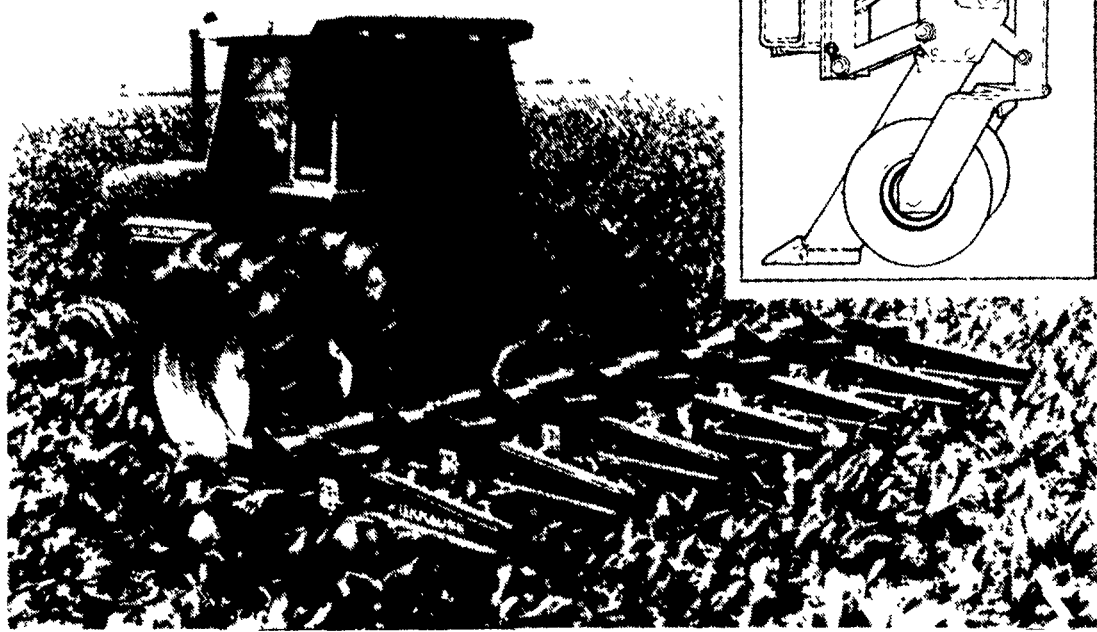


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Krause's 4650 DT Series cultivator provides the dual functions of breaking up compaction and cultivating in one pass.

Krause Plow Introduces Cultivator

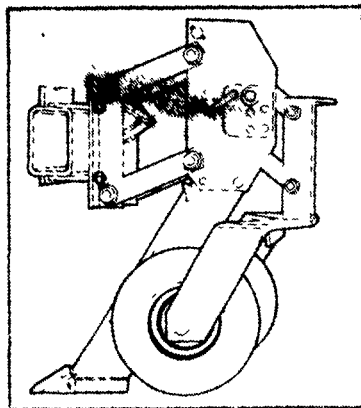
For years, farmers have relied upon Krause to provide them with quality tillage equipment that sets industry standards. Once again, Krause exhibits its leadership by introducing the innovative 4650 DT Series Row Crop Cultivators. Krause engineers have taken the standard row crop cultivator, have incorporated a subsoil shank and soil limited wheels between the rows, and as a result, now offer a multifunction row crop cultivator.

Krause's 4650 DT Series Cultivators save time and money by providing the dual function of breaking up compaction and culti-

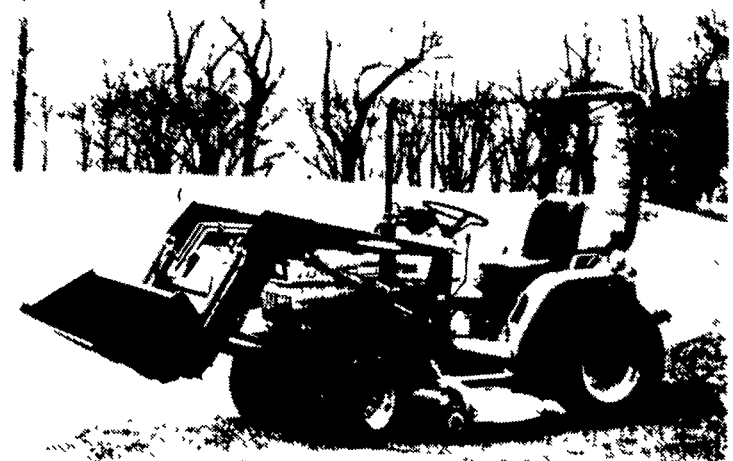
vating in one pass. Exclusive to the 4650 DT Series models, the subsoil shank loosens soil between the rows to a depth of 12" to enhance the soil's water absorption capacity and reduce irrigation runoff. The 4650 DT Series features patented soil limited wheels located on every row, which prevent crop damage by reducing soil movement near the plants. Cultivator shanks are located behind the subsoil shank to destroy weeds and to mulch the soil to reduce moisture loss.

Models available include four and six row, 28" through 40", and

eight row, 28"-30". All models will feature a rugged 7"x7" tool bar to provide strength and durability. Standard equipment also includes the Krause K-tine shank that is designed to have the rigidity of a C-shank but the flex action of a tine. These heavy-duty tines have a high point load to keep sweeps running level and provide years of flexing in the field. The K-tine shank has a 21" clearance and a 55° stem angle. Tool bar gauge wheels with 6.70x15 tires are standard on six row wide and eight row narrow models.



BUSINESS NEWS...



This high-clearance loader features single-lever control and two double-acting bucket cylinders.

Farmhand Introduces High-Clearance Loader

EXCELSIOR, Mn. — A new Quick-Tach, high-clearance loader designed for 11 to 19 horsepower tractors has been introduced by Farmhand, Inc. This new Model 100 Loader features single-lever control and two "double-acting" bucket cylinders. The high-clearance tractor mounting fits with most belly mounted mowers. Designed to mount both two-wheel-drive and front-wheel-assist tractors, this new universal fit loader has a lift capacity of 772 pounds to its full lift height of 6'7".

Heavy-duty material buckets are available in 42" and 48" widths; these buckets can be converted into a manure bucket with the addition of a fork tooth kit.

Farmhand manufactures loaders, grinding and tillage equipment at its manufacturing facility in Grinnell, Iowa; the corporate office is located in Excelsior, Minnesota. For more information, contact Farmhand, Inc., P.O. Box 1500, Excelsior, Minnesota 55331 (612-474-1941).

Hoffman Alfalfas Now Apron Treated

LANDISVILLE — Hoffman Seeds, Inc. is now treating its complete line of proprietary alfalfas with Apron, a systematic fungicide. Treated varieties include Maxim, Emerald and Funk's G-2852.

A registered product of Ciba-Geigy Corp., Apron protects against Pythium and Phytophthora during the postemergence phase of seedling development, from four to six weeks after planting. Both

diseases effect young seedlings and develop in high moisture soils. Soils with high moisture for as little as three to four consecutive days can be affected.

Apron is particularly effective against Phytophthora when used in conjunction with Phytophthora-resistant alfalfa varieties such as Maxim, Emerald and Funk's G-2852. In trials conducted by the University of Wisconsin in Phytophthora-infected soils,

Apron treated alfalfa effectively controlled the disease, with seedlings showing a 97% survival rate compared to 25% survival for untreated seedlings.

Apron has also shown positive results in terms of higher forage yields, increased plants per square foot and better stand establishment. The treatment costs less than one dollar per acre for the added protection.

Deere 9400 Drills Seed Into Stubble And Residue

MOLINE, IL. — The new John Deere series press wheel hoe drill allows greater clearance for natural tunnel and smoother trash flow in stubble or heavy residue.

Clearance has been increased

three ways: lengthening the frame for three ranks of openers, raising the drill frame 8 1/4 in., and making the rockshaft mountings narrower.

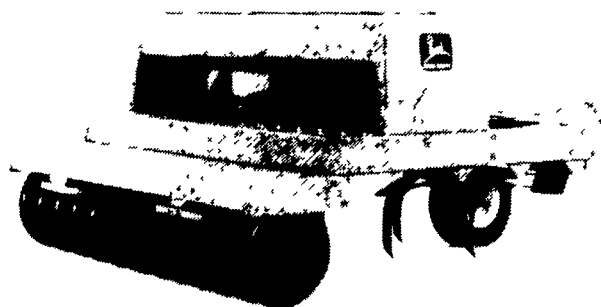
The furrow openers, available in rigid or spring cushion, are 3/4 in.

by 1-3/4 in., heat-treated, spring steel. Spring cushion openers, used in tough or rocky soils, have a 250 lb. trip-off force. Openers are lowered hydraulically.

New multiple unit hitches, that gang 2, 3 and 4 units, feature an improved mechanical design to simplify plain or endwise transport. Transport width has been reduced to 14 ft. 8 in. Hitches attach to the caster wheel frame of the drill to provide 20, 30, or 40 feet of drilling width.

For safety and convenience, a two-step, non-skid, footboard allows access to grain and fertilizer boxes.

The 9400 series drills are available with 2.8 bu./ft. grain boxes (9400) or combination, 3.4 bu./ft. grain/fertilizer boxes (9450). Both models may be ordered with a choice of five different shovels and seven types of 26 in. diameter low draft press wheels.



The John Deere 9400 series drill features greater clearance for trash flow in stubble or heavy residue fields and convenient two-step foot board for access to boxes.



James Callaway, left, receives diploma upon graduation from Surge Training Center.

Surge Dealership

Established In Harrington

NABERVILLE, IL. — James Callaway, professionally trained dairy farm equipment specialist, has announced the establishment of a Surge dealership at Harrington, Delaware, to serve local dairymen.

"Our goal," said Callaway, "is to help dairymen do a better job of cow milking and to help them become more profitable businessmen."

Callaway has recently completed an extensive training program at the Surge Training Center,

located near St. Charles, Illinois. Courses were conducted in classrooms and on-the-job. Subjects included milking system installations, preventive servicing, dairy farm planning, dairy sanitation and dealership management. Special emphasis was given to proper milking practices and the physiology of the dairy cow.

"I have also been trained to analyze, treat, and condition water," said Callaway. "This is a service needed by a growing number of rural Americans."



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Monsanto Develops New Corn Herbicide

MISSOURI — Lariat®, a new corn herbicide from Monsanto, takes advantage of formulation technology advancements to offer growers a more convenient, easier-to-handle flowable herbicide.

"Traditionally, flowable herbicides have been hard to pump, mix and spray," comments Dennis Plummer, manager, corn herbicides for Monsanto. "Flowables also have a tendency to settle out during storage and aren't very compatible with liquid fertilizer."

As a result, Plummer notes, some flowable formulations have not been especially popular with users.

"Since some agrichemicals are

most effective in a flowable formulation, it became our challenge to try and improve flowable technology to make the product easier to use," he adds.

To meet that challenge Monsanto researchers developed a unique emulsification system to handle the active ingredients needed for broadspectrum weed control in corn. The result was a new herbicide, with significant benefits for users.

Compared to other flowable herbicides, such as Bladex and Bicep, Lariat has a lower viscosity, particularly at temperatures under 60°. This makes it easier to pump in cold weather. Lariat also disper-

ses and mixes more easily in both water and liquid fertilizer and resists settling out, either in the container or spray tank.

"Simply put, Lariat pumps more easily, mixes better and sprays more evenly than other flowable formulations," explains Plummer. "That not only saves time and reduces equipment wear and tear, but it also means Lariat can be applied at an accurate and cost-effective rate while still providing consistent weed control."

A broadspectrum corn herbicide, Lariat controls a total of 24 grasses, sedges and broadleaf weeds, and reduces competition from eight others. The herbicide



Superior formulation technology makes Lariat® herbicide from Monsanto easier to pump, mix and spray. The new herbicide controls a broad spectrum of annual grasses and broadleaf weeds in corn, and can be applied either pre-emergence or shallow preplant incorporated.

may be applied either pre-emergence or shallow preplant incorporated, using Surface Blend techniques. It can also be applied through center pivot irrigation systems.

"Lariat does not need two incorporation passes to provide excellent results," Plummer says. "Another benefit for farmers is that they can use the same rate of Lariat either surface applied or incorporated."

Lariat was developed for use in corn or in grain sorghum which has been treated with Screen® seed protectant. It will be available in 1988 primarily in bulk and in Shuttle™ mini-bulk systems. Container (2½ gallon) volumes will be limited in 1988.

NOTE: Lariat, Screen and Shuttle are trademarks of Monsanto Company

Mushroom Industry Joins EPA For Creek Clean-Up

The recently created AMI Task Force on Environmental Matters has met with officials from the U.S. Environmental Protection Agency, Region III, on the Action Plan for "Cleaning-Up" the Red Clay Creek. The Action Plan is waiting for agreements from state environmental officials from the State of Delaware and the Commonwealth of Pennsylvania.

The Task Force on Environmental Matters, chaired by Charles C. Brosius, a mushroom grower, West Grove, PA., was created by AMI to deal with current environmental problems. Members are: Dr. Paul Wuest, Department of Plant Pathology, Penn State; Dr. Ken Lomax, Department of Agricultural Engineering, University of Delaware; Michael L. Pia, President, AMI; and Charles R. Harris,

Executive Director, AMI.

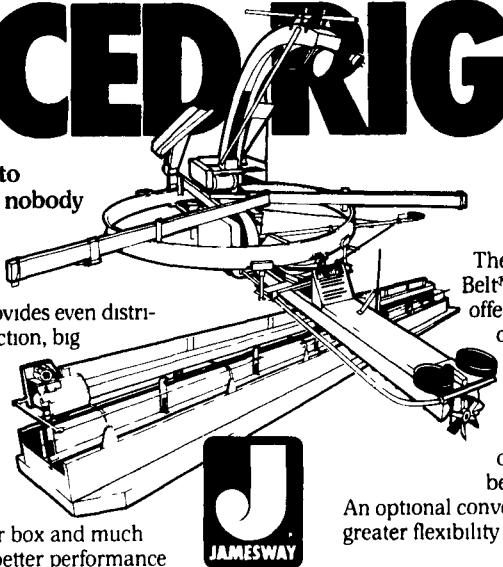
One of the first goals of the Task Force is to seek approval for the Manual entitled, "Best Practices for Environmental Protection in the Mushroom Farm Community" from the Commonwealth's Environmental Resources Department. The report was published in February 1984 by the Chester County Mushroom Task Force but has never received official approval from the DER.

"The mushroom industry is prepared to work with governmental officials and interested lay organizations in making the Red Clay Creek a fishable, swimmable body of water and a good source of drinking water for the City of Wilmington," Charles C. Brosius, chairman, concluded.

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An optional conveyor decline provides greater flexibility and feed conveying.

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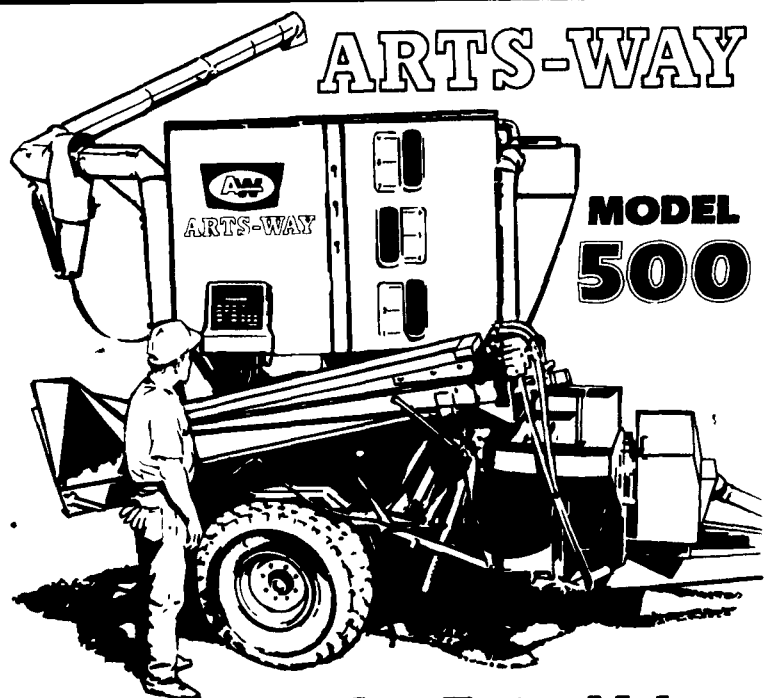
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Eastman Chemicals Division Restructures

KINGSPORT, Tn. — A restructuring of Kodak's Eastman Chemicals Division (ECD) animal nutrition supplements business was announced by ECD today.

Eastman's research and development in the animal nutrition field will be brought to an orderly conclusion and applicable technology will be transferred to Kodak's Life Sciences, according to Dr. James Chitwood, Kodak vice president and ECD director of Research and Development. Also, Chitwood announced, sales of Eastman[®] IsoPlus[®] nutritional supplement will be handled by ECD's marketing subsidiary, Eastman Chemical Products, Inc., and the Animal Nutrition Business Unit will be phased out.

"While IsoPlus nutritional supplement sales have made progress, there is some disappointment with the progress of our original thrust to develop and bring to market other animal nutrition products," Chitwood said. "Though some of our

other nutrition projects have been shown to be technologically effective, they have not proved to have sufficient economic benefits for introduction into the marketplace. As a result, ECD's research in the animal area has shifted more toward health and drug-related products based on molecular biology which have much longer lead times to bring to commercialization," he added.

"This shift to products based on molecular biology puts ECD's research on a parallel course with that of Kodak's Life Sciences where the current priority is on human health and drug-related product research and development. Because of this overlap, appropriate ECD health-related research technology will be transferred to Kodak's Life Sciences," Chitwood said.

The restructuring of ECD's animal nutrition supplements business will directly affect 140 employees, all of whom will be

offered jobs in other ECD and Kodak units. Transition of personnel and phase down of activities will begin immediately.

"The moves we are making result in an uncertain future for Valleybrook Farm, Eastman's 200-acre research facility near Kingsport," Chitwood said.

"Research work currently in progress at Valleybrook will be brought to a conclusion in 1988. Then the facility will be maintained in a standby condition as a search for alternate uses of Valleybrook Farm continues," he said.

Toy F. Reid, Kodak executive vice president and ECD general manager, observed that ECD

actively seeks new business opportunities and commits adequate resources to support them. Reid said, "We recognize that not all will prove to be successful. This doesn't lessen our enthusiasm for our other new businesses or for seeking new ventures which offer good prospects for growth in product development and sales."

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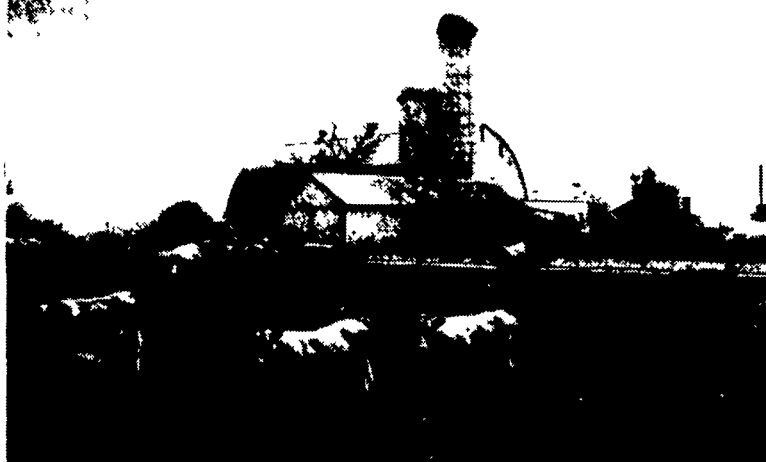
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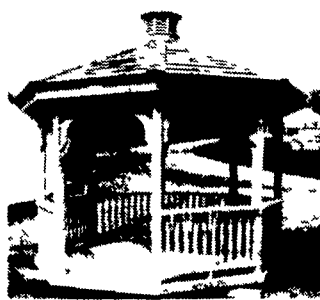
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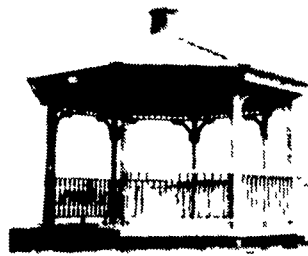
Leola, PA 717-656-8380

If no answer, call early in the morning or evenings.

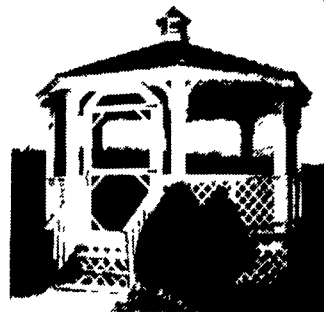
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Monthly Report

1-Ayrshire
2-Guernsey
3-Holstein

BREED CODES

4-Jersey
5-Brown Swiss
6-M. Shorthorn

7-Red Dane
8-Mixed
9-Red and White

September 1987

Name	Brd	No. Cows	Cows Days In Milk	Milk Lbs.	Fat Lbs.
Edwin Steach	3	72.9	87.1	22,405	797
Gregory & Nancy Yocum	B3	31.0	91.3	20,176	762
Tannery Road Farm	G3	67.4	88.3	20,886	761
Joseph M McMath	3	57.0	84.5	20,725	758
Timothy R Peachey	3	74.5	88.3	20,438	741
James Boone	B3	43.3	89.0	21,113	740
Gerald E McMath	B3	73.4	89.6	20,757	732
Daland Farms	3	115.2	86.7	19,621	721
Branstetter Farms	B3	87.7	84.3	19,407	705
Geary E Shade	3	83.8	88.2	20,014	702
John S Kyper	B3	62.3	87.4	18,912	700
Gibboney Farms	3	61.2	88.9	19,935	697
John W Lynn	B3	55.7	84.3	19,099	694
Steve Grove	G8	25.6	88.0	17,644	688
Locust Lane Farm	B3	106.2	87.0	18,481	684
Samuel K Byler	B3	55.4	87.7	19,947	681
Max Isenberg	B3	76.4	91.7	21,234	677
Harr & Robin Barnett	G3	37.4	88.3	19,392	676
Carl & Carol Barnett	B3	70.2	85.1	19,161	676
Willard J Yoder	3	172.5	86.2	18,062	666
Roland G Yoder	3	104.4	90.5	17,307	665
Globe Run Farms	3	87.5	91.5	17,883	665
Baney Brothers	B3	64.6	87.2	18,488	664
Eberle Brothers	B3	48.5	86.9	19,402	662
Dean E Varner	B3	40.7	87.4	17,613	661
Lakevue Farms	B3	114.6	67.6	18,694	657
Philip A Yohn	G3	52.0	90.3	19,071	656
John C Goshorn	B8	38.2	89.4	17,207	645
Behrer Farms	B3	177.3	87.2	17,872	642
Raymond Tussey	B3	37.0	88.7	17,581	639

Ed & Sharon Parsons	B8	49.3	86.2	17,003	639
E James McMath	3	133.1	88.0	18,191	629
Chester & Carole Smith	B3	152.0	85.1	17,455	627
John Brodzina		48.9	89.2	17,211	614
Wayne Friling	B3	99.3	88.6	16,137	601
Evergreen Farm No. 3	B3	435.9	86.3	17,318	601
J Marvin & Renee Zook	B3	40.2	86.3	17,210	601
Curfman's Dairy	G3	68.9	87.5	16,446	598
Kevin Fluke	G3	42.5	87.1	17,739	597

Branstetter Farms	3	3-4	305	27,007	1081
#Jenny	3	4-11	305	26,744	935
#Emp	3	4-5	305	22,656	819
#477	3	2-11	305	21,147	777
210	3	0-0	305	17,757	684
209	3	3-0	305	20,720	663
#Dutch	3	3-4	305	17,212	657
109	3	5-3	302	18,361	628
Daland Farms	3	7-4	305	24,358	1001
Princes	3	7-9	305	23,365	883
Molly A	3	6-2	305	20,076	824
Kathlen	3	7-4	305	21,245	762
Alison	3	4-1	305	23,825	996
Roland G Yoder	3	4-4	305	21,495	954
Marva	3	8-1	305	19,155	838
Hope	3	2-3	305	15,621	653
Laddie	3	7-1	305	23,482	992
Dot	3	5-5	305	24,867	862
Timothy R Peachey	3	3-7	305	22,868	818
Dee	3	7-0	305	19,480	779
Glenna	3	2-3	305	19,827	748
Happy	3	5-1	305	24,335	719
Honor	3	3-6	305	18,992	619
Marla	3	5-5	305	18,024	670
Elvira	3	2-6	305	18,379	633
Glisten	3	8-0	305	27,535	988
Meg	3	4-4	305	21,689	905
Connie	3	8-8	305	22,334	868
Geary E Shade	3	4-4	302	19,842	792
Opal	3	4-4	297	21,326	784
Peony	3	4-6	305	20,075	779
Nicki	3	10-3	305	23,269	761
Shelly	3	2-11	188	19,132	740
Sundae	3	3-8	300	19,830	719
Elvira	3	2-11	303	21,140	622
P-olla	3				
Pickle	3				
Muriel	3				
Flag	3				

Dean E Varner	3	5-2	303	20,538	966
Jill	3	3-11	305	18,129	728
Christi	3				
Gregory & Nancy Yocm	3	8-11	305	19,252	920
Pam	3	2-1	305	17,821	785
Fred	3	3-0	257	16,062	766
Lela	3	4-7	269	18,847	694
Amanda	3				
J Marvin & Renee Zook	3	6-5	305	22,293	915
Delta	3	3-8	305	23,596	727
Grace	3	6-1	305	24,037	682
Lacy	3	4-0	305	21,652	663
Nanette	3	6-8	305	19,544	598
Lisa	3				
Tannery Road Farm	3	6-4	305	25,410	912
87	3	3-2	305	23,021	889
4	3	3-1	305	23,306	874
12	3	5-1	305	21,503	854
155	3	3-9	305	28,489	846
226	3	2-2	289	19,609	815
48	3	4-9	305	20,652	813
171	3	3-3	305	21,581	763
238	3	2-10	287	19,874	670
21	3	3-2	305	20,457	635
5	3				
John & Darlene Lake	3	4-2	305	21,645	911
34	3				
Behrer Farms	3	6-11	305	27,811	910
240	3	3-0	305	18,346	761
520	3	2-1	305	18,031	732
572	3	2-3	305	20,119	671
561	3	2-1	296	16,905	659
585	3	2-0	305	17,333	594
589	3	3-3	305	20,316	591
488	3	3-2	305	18,342	525
495	3				
James Boone	3	4-3	305	22,344	910
122	3	4-3	305	22,310	840
13	3	2-0	305	18,947	672
209	3				
Edwin Steach	3	6-9	294	27,562	902
Lisa	3	3-5	304	25,101	883
Bettina	3	7-5	305	23,684	857
Jerri	3	4-1	305	20,756	804
Joyce23	3	2-6	282	19,232	740
Alix 86	3	2-10	305	23,598	713
Val 76	3	3-5	277	18,563	710
Janis52	3	5-3	305	22,629	691
Hat260	3	2-6	305	19,444	667
Margo85	3	3-1	305	19,740	654
Lass59	3				
Willard J Yoder	3	6-8	305	22,846	892
11	3				

(Turn to Page D10)

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(Continued from Page D9)

10	3	4-2	305	23,431	864
26	3	3-2	305	22,277	796
167	3	6-2	305	21,082	796
39	3	7-4	305	25,032	774
123	3	6-10	305	23,105	758
31	3	6-9	305	19,430	740
321	3	3-10	293	17,702	735
378	3	8-2	305	19,589	698
134	3	2-6	305	18,046	677
191	3	3-3	305	14,714	668
343	3	4-3	305	16,652	658
362	3	3-7	305	16,340	650
202	3	3-1	303	18,314	643
324	3	3-3	305	19,240	629
Joseph M McMath					
Ivy	3	10-1	305	23,501	886
Cuddles	3	4-0	305	23,061	873
Janet	3	3-9	305	22,430	809
Jane	3	4-4	287	22,394	809
Inga	3	2-5	305	23,502	802

Locust Lane Farms

0103	3	9-3	305	19,040	878
Y85	3	4-11	305	21,573	793
Y171	3	3-7	305	29,797	787
Y164	3	3-9	293	20,383	783
0158	3	3-5	278	28,296	757
Y134	3	5-3	305	19,043	748
Y187	3	2-5	305	21,361	675
Y169	3	3-3	289	19,880	652
John S Kyper					
54	3	6-0	305	20,373	874
69	3	4-3	305	19,697	837
88	3	3-5	305	22,057	768
40	3	7-11	305	20,386	749
21	3	10-7	305	19,239	721
Harold N Book					
27	3	5-5	305	25,927	872
10	3	5-7	305	22,453	679
Samuel K Byler					
103	3	6-10	305	26,665	869
203	3	3-8	305	22,914	818
153	3	7-8	305	19,794	769
121	3	7-1	305	24,869	720
218	3	3-1	305	24,195	712
Ed & Nancy Quigley					
66Hersy	3	5-2	305	21,763	865
6Naomi	3	3-5	279	17,482	677

Evergreen Farm No 3

1691	3	6-1	305	21,965	863
1782	3	5-8	305	20,899	747
1306	3	8-8	305	17,934	721
1930	3	4-3	295	20,319	694
1931	3	4-5	303	19,574	674
111	3	3-1	305	19,315	674
244	3	2-6	302	17,685	661
242	2	2-2	305	17,473	662
82	3	3-0	305	18,651	656
61	3	3-3	300	18,044	631
1774	3	5-5	305	19,171	628
1713	3	6-0	305	18,610	620
38	3	3-7	280	18,250	603
255	3	2-3	292	18,440	583
1264	3	8-10	305	19,201	557
Lakevue Farms					
Rocket	3	9-6	305	25,027	862
Cmiss	3	3-11	305	22,695	820
Flossie	3	7-1	305	24,310	779
Flora	3	6-2	305	23,281	776
Bertie	3	8-3	305	24,104	771
Balerna	3	5-8	305	22,237	753
Flower	3	3-11	305	21,297	718
Bretat	3	5-8	305	23,507	710
CMichel	3	3-0	305	18,121	688

(Turn to Page D11)

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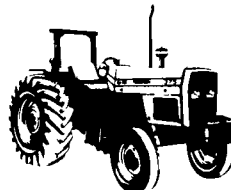
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Huntingdon Co. DHIA

(Continued from Page D10)

Gerald E McMath					
Bell2	3	4-10	305	22,597	856
Blanch	3	6-7	305	21,642	826
Doris2	3	5-10	298	21,101	824
Gale	3	13-3	305	14,428	681
Dixon	3	3-1	275	17,595	679
Jello	3	4-1	294	18,049	659
Lindsay	3	3-10	284	18,715	639
Blu	3	2-6	305	21,191	629
Blue	3	3-4	305	21,848	539
Ditto	3	3-1	305	18,793	504
B & D Acres					
121	3	4-9	305	23,133	839
119	3	3-5	305	20,775	726
140	3	4-1	305	21,558	712
42	3	4-4	300	19,921	707
75	3	6-11	305	19,951	686
52	3	4-0	305	19,424	655
157	3	3-2	297	23,191	643
154	3	3-3	305	18,788	615
161	3	3-1	305	20,318	613
1	3	6-3	288	20,225	607
175	3	2-3	305	18,012	583
67	3	2-2	294	18,291	555
2	3	6-9	286	18,257	544
Jefferson R Byler					
Sheree	3	5-11	305	20,995	832
Lottie	3	4-2	305	22,839	715
Beauty	3	7-9	305	18,892	704
Kate	3	4-7	305	18,369	583
Christy	3	7-5	305	19,195	571
Silver	3	4-9	305	18,863	568
Eberle Brothers					
Janet	3	8-7	305	21,900	827
Enid	3	5-3	286	20,852	818
Deb	3	6-5	305	26,379	805

Sara	3	7-0	305	23,739	749
Peg 105	3	4-0	261	16,443	655
Min	3	3-3	305	22,239	638
Max Isenberg					
Tina W5	3	4-8	305	21,790	824
Wild 45	3	5-1	305	24,349	819
Randy 38	3	7-0	303	22,728	715
Maxi 23	3	6-10	305	19,840	701
Chub	3	5-8	299	21,021	611
Lbene	3	2-5	290	24,394	546
Philip A Yohn					
0623	3	4-7	305	20,582	823
6743	3	2-8	305	21,045	733
6892	3	3-4	305	18,359	640
9893	3	5-2	285	19,145	557
John W Lynn					
Irene	3	5-2	303	20,701	821
Iris	3	8-9	305	24,703	804
Deidra	3	3-9	305	20,921	787
Etta	3	6-7	305	19,249	607
Ethel	3	8-11	305	18,707	566
Baney Brothers					
Bonnie	3	5-11	305	23,868	816
Ginger	3	9-2	305	20,898	688
Heidi	3	8-1	305	19,164	650
Bell	3	2-2	282	17,052	600
Globe Run Farms					
Quest	3	5-6	305	1,853	816
Liz	3	4-6	305	20,661	787
Rubel	3	2-7	305	18,601	593
E James McMath					
Pride	3	10-9	305	20,910	815
141	3	5-1	305	24,541	740
Mel	3	6-8	305	22,274	700
Milly	3	5-6	305	17,914	694
Milky	3	4-6	305	19,860	692
Lucy	3	4-5	305	20,352	667
Sid	3	3-2	305	19,317	645
Gail 194	3	4-6	305	19,113	645
Valerie	3	4-11	305	22,220	635

Lancaster Farming Saturday, November 21, 1987-D11					
Sangrey Farms					
67A	3	5-11	305	20,309	810
177	3	5-5	305	22,001	776
239	3	3-3	305	24,596	739
221	3	3-11	305	19,230	700
248	3	2-11	305	18,546	681
198	3	4-6	305	18,395	678
254	3	2-9	305	20,235	660
170Blys	3	5-10	297	18,173	603
232	3	3-6	305	18,278	580
246	3	3-1	305	18,912	570
250	3	3-0	305	18,252	569
Harry & Robin Barnett					
134	3	3-7	290	20,100	799
204	3	2-0	285	16,826	664
Kevin Fluke					
42	3	4-10	305	20,987	791
Sidney R Ormsby					
12 Brie	3	7-2	305	23,572	785
26Mandy	3	6-6	305	21,852	686
13Kolly	3	4-6	301	16,012	655
11Jolly	3	3-5	305	18,919	613
Chester & Carole Smith					
325	3	5-2	305	22,435	783
469	3	2-11	305	20,423	766
461	3	2-11	301	1,606	751
460	3	3-2	305	20,484	744
383	3	4-1	289	19,412	719
368	3	4-3	305	21,862	690
445	3	3-5	305	16,228	664
235	3	5-11	305	19,956	616
356	3	4-9	281	20,389	603
482	3	2-11	278	18,165	509
Gibboney Farms					
Sonja52	3	9-10	305	21,560	779
Wille80	3	4-9	305	23,822	713
Jude 5	3	3-2	280	17,101	693
Tiny 55	3	6-4	305	22,553	677

(Turn to Page D12)

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Galv. Trolley Hangers

Huntingdon Co. DHIA

(Continued from Page D11)

Samramar Hills Farm					
Oasis	3	4-5	305	23,379	778
Denise	3	5-5	305	17,994	674
Zee	3	2-8	305	15,977	668
Rose	3	4-2	305	18,522	651
Michael Barnett					
39	3	3-4	305	22,035	774
Thomas-Kathryn Houck					
47	3	2-5	305	19,422	765
480	3	5-2	305	20,367	666
Raymond Tussey					
Clover	3	3-6	305	20,811	762
Smurfet	3	2-6	305	17,256	733
Marilyn	3	4-8	297	20,611	717
Kim	3	5-8	305	19,688	692
Heidi	3	7-0	305	16,122	681
Luther L Metz					
Ramona	3	4-0	305	17,609	750
Lucky	3	9-8	305	19,754	744
Earl Lake					
76	3	8-1	305	20,850	746
5	3	6-0	300	18,460	630
Curfmans Dairy					
150	8	3-4	305	16,933	716
60	3	5-11	252	15,959	683
47	3	4-9	305	15,177	650
Forestdale Farms					
102	3	6-8	305	22,649	714
9	3	8-0	305	18,315	637
Geo-Ray Holsteins					
20	3	5-4	305	18,596	714
14	3	4-8	305	18,193	695
John C Goshorn					
Glend51	3	4-6	305	22,098	713
June 36	4	4-5	305	11,345	703
Robin70	3	3-3	305	19,498	637
Carl C + Carol Barnett					
Butk214	3	3-4	283	17,988	700
118	3	1-11	305	20,413	619
301	3	1-11	305	21,173	591
State Correctional					
28	3	3-3	305	17,262	700
86	3	2-5	305	17,089	669
818	3	4-10	305	19,056	624
John Middaugh					
115	3	5-9	303	17,184	692
Kypridge Farms					
Megan	3	5-4	299	16,861	677
N & N Farm					
76	3	7-8	305	19,082	661
60	3	3-9	305	19,976	596
John Brodzina					
Ella 46	3	2-5	305	18,230	651
Clark Farms					
73	3	3-11	299	18,375	647
David Smith					
74	3	7-0	305	18,387	621
Paul D Powell					
139	3	5-6	294	18,883	611

Terry & Cathy Eutzy					
Misty	3	8-4	289	18,227	606
Snap	3	2-3	305	19,825	468
Hawn Brothers					
Dixie	3	4-2	305	18,634	600
Nina	3	3-8	305	19,454	592
E Gordon Cox					
Jane	9	4-2	305	19,665	594
Wayne Friling					
166	3	4-6	287	18,383	479

Crawford Co. DHIA



September 1987

Brd	No. Cows	Lbs. Milk	Lbs. Fat	
John Tautin Sr	R&GH	40.8	20,530	790
Stain-Brook Farms	R&GH	53.0	21,680	764
Alan & Rhona Custead	R&GH	80.6	20,263	754
Jeffrey Raney	R&GH	43.4	20,632	749
Helen Anthony	R&GH	49.4	19,309	740
Wil-Aire Farm	RH	53.5	20,599	733
Black Pond Farms	RH	87.2	20,955	729
Morrell Farms	RH	97.9	20,261	727
Raymond A Holabaugh	R&GH	61.5	19,432	725
Dale Home Farms	RH	36.7	19,299	721
Doug Stanhope	R&GH	48.2	19,387	720
Richard L Black	RH	50.7	19,978	715
George P Simcheck	R&GH	49.5	17,876	713
A&B Dairy Farm	R&GH	62.4	19,986	707
Bryan R McCurdy	RH	32.9	18,994	693
O-Darlan Farm	R&GH	45.7	19,099	690
Queens Manor Holsteins	RH	24.1	17,699	678
Vel-Rus Holsteins	RH	67.8	21,128	678
John W Greene Jr	RH	48.9	18,359	676
Spruce Row Farms	RJ	55.6	15,104	669
Richard M Lyons	RH	18.7	19,152	666
David M Naugle	RH	16.7	19,173	664
Clark S Duncan	RH	49.2	20,035	663
Neil J Dearborn	GH	45.0	18,719	656
Darrel L Schweitzer	RH	48.4	17,853	653
Black Pond Farms				
Aliston	RH	4-10	24,817	850
Orlena	RH	4-10	22,617	853

Donald Kerr				
56	H	3-11	19,449	857
Dolly Run Farm				
Sunnie	Rg	4-8	20,282	895
Vel-Rus Holsteins				
Margo	RH	8-8	23,790	852
Inca	RH	6-7	28,438	992
Liberty	H	6-0	28,076	1023
Lola	RH	3-7	28,276	904
Richard L Black				
Darci	RH	5-2	23,239	856
Morrell Farms				
Sally	RH	7-9	29,275	1336
Tempo	RH	4-0	26,138	1045
John Tautin Sr				
130	H	7-1	22,670	856
Dennis B Halfast				
Stormy2	RH	7-6	23,582	880
Suise	RH	5-3	19,201	854
Honey Run Farms				
110	RH	6-11	24,481	1073
Bryan R McCurdy				
Bonnie	RH	5-4	27,668	906
Queens Manor Hoslteins				
Kawa	RH	5-1	18,835	899
Donald Hart				
68	RH	4-7	22,337	852
Mahlon Martin				
54	H	6-7	32,811	885
Wil-Aire Farm				
Sally	RH	3-11	26,450	947
Stain-Brook Farms				
Mamie	H	5-1	12,611	1001
Sharon Kaye Farm				
Bobett	H	6-1	22,347	935
David M Naugle				
105	RH	4-4	21,302	876

SCHUYLKILL CO. DHIA

September 1987

Rolling Herd Average

	No. Cows	Milk Lbs.	Fat Lbs.	
Brian Ruch		29.5	24,544	876
Miller & Rex, Inc.		32.7	22,763	824
Carl A Farms		60.3	22,078	773
Randy Miller		25.7	19,683	697
Heisler Brothers		62.8	18,458	696
Snyder Brothers		75.4	19,095	676
Jersey Acres Farms, Inc.		64.2	14,303	675
Suntrail Dairy Farm		52.2	19,221	669
Aaron Stoltzfus		44.3	18,872	667
John P Leatherman		59.3	18,847	664
James Rodichok		68.1	17,728	663
Bruce Leatherman		82.6	19,296	656



Thanksgiving

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Ford's F-Series Gets Improved Powertrain

DETROIT, MI. — Major powertrain improvements, a new F-Super Duty chassis cab and two new SuperCab models strengthen Ford's leadership position in the full-size pickup market for 1988.

F-Series powertrain actions include the addition of multi-port electronic fuel injection (EFI) on two performance V-8's, a more powerful diesel engine and new five-speed manual overdrive transmissions.

An F-Super Duty 4x2 chassis cab model in 137-inch and 161-inch wheel-bases joins the F-Series lineup in 1988. With a gross vehicle weight rating of 14,500 pounds, the F-Super Duty helps fill a niche between current F-350 chassis cabs and Ford's medium-duty trucks and competes as a Class 4 entry.

Also new is a 4x4 short-wheelbase (139-inch) F-150 SuperCab, offering excellent off-road maneuverability. Additional-

ly, Ford will introduce a new F-350 dual-rear-wheel (DRW) 4x2 SuperCab pickup that will be ideally suited for trailer towing. There also will be a new 161-inch-wheelbase DRW F-350 4x4 chassis cab model.

Multi-port EFI is added to Ford's 5.8- and 7.5-liter V-8 engines 1988, completing the shift to EFI on all Ford full-sized light-truck gasoline engines. Other engine improvements include a self-tensioning serpentine accessory drive system for the 5.8-liter EFI engine, and a two-belt, poly-V accessory drive system on the 7.5-liter V-8.

The cylinder bores of last year's 6.9-liter diesel engine have been increased by 0.11 inches for 1988, boosting engine displacement to 7.3-liters. This helps the engine generate more power, going from 170 horsepower and 315 foot-pounds of torque in 1987 to 180 horsepower and 345 foot-pounds



Major F-Series Improvements for 1988 include electronic fuel injection to the 5.8- and 7.5-liter V-8 gasoline engines, a larger diesel engine, and new 5-speed overdrive manual transmissions for conventional and heavy-duty applications.

of torque in 1988.

Availability of the 5.8-liter V-8 engine has been extended to California for 1988. In addition, all of last year's four-speed manual

transmissions will be replaced by five-speed overdrive and heavy-duty five-speed overdrive units that are synchronized in all gears, including first and reverse.

The new F-Super Duty 4x2 chassis cab model is structurally designed to haul heavier loads than any F-350.

The F-Super Duty's frame and suspension, including springs, shocks and brakes, have been engineered to provide a GVW rating of 14,500 pounds. Gross combined weight ratings increase to 17,000 pounds when equipped with the 7.3-liter diesel, and 26,000 pounds with the 7.5-liter EFI gasoline V-8.

The vehicle's monobeam front axle has a gross axle weight rating of 5,000 pounds and the rear axle is rated at 11,000 pounds. The F-Super Duty is equipped with four-wheel disc brakes and 16-inch wheels.

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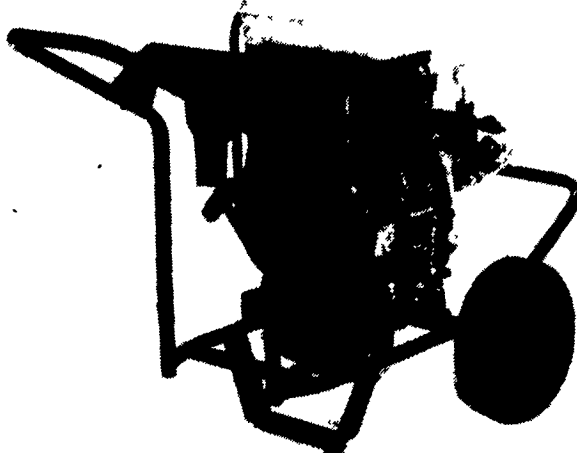
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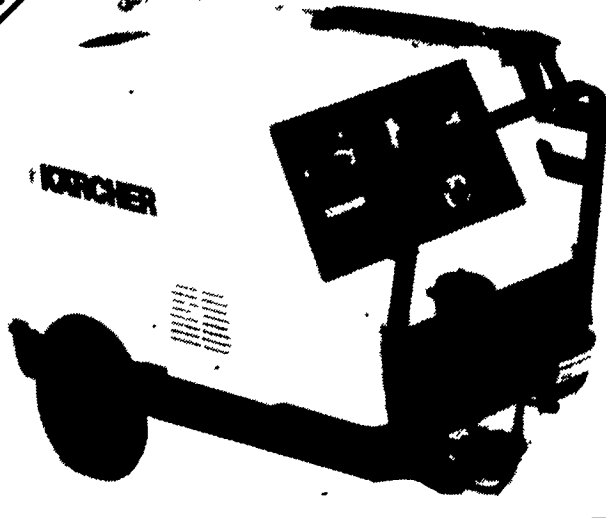
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Franklin County 4-H'er Exhibits The Winning Way

BY BONNIE BRECHBILL
Franklin Co. Correspondent
LEMASTERS — In the four years that David Sheiss, 12, has been a member of the Franklin County 4-H Baby Beef Club, he has never shown a Grand Champion steer. But he has an attitude that is worth far more than any banner or trophy.

In his 1987 project book he wrote about his experience at a recent round-up. "I didn't pull out a champion, but a friend of mine did, and I was real happy for her."

Club leader Leon lebo read

David's essay to the 112 members, parents, buyers and sponsors attending the 4-H Baby Beef Club awards banquet November 14. "This is what I'm trying to teach the 4-Hers," Lebo commented. "Competition is great, but they still have to have the attitude of, 'I've done my best, and I can still congratulate the winner.'"

David won first place for his project book. He is the son of Daryl and Penny Sheiss, Chambersburg.

Club records were broken on

(Turn to Page D16)



4-H Baby Beef Club members who showed weight champions were: (back row, left to right) Donnie Sheiss, Darren Meyers, Trina Eshleman, and Nicole Lebo, (front) David Sheiss and Cheryl Hawbaker.



Nicole Lebo receiving award from her father, Club Leader Leon Lebo. Nicole showed the Grand Champion steer and was also named Grand Champion Fitter and Showman.



Leon Lebo (left) presents 1987 Leader's Award to Roger Jones and his brother Steve (right) during Franklin County Baby Beef awards banquet.



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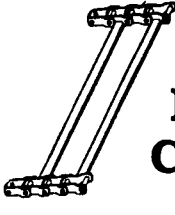


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	11'	\$ 633.30	\$ 700.45	\$463.25	\$516.20
	12'	\$ 706.77	\$ 753.11	\$495.76	\$576.27
#3 CROSSBAR SPACING EVERY LINK 1x 1/4 BAR	13'	\$ 756.65	\$ 807.12	\$530.50	\$620.13
	14'	\$ 806.66	\$ 861.62	\$560.81	\$653.43
	15'	\$ 856.08	\$ 913.79	\$593.26	\$724.70
	16'	\$ 905.95	\$ 967.04	\$625.77	\$775.84
	8'	\$ 621.89	\$ 663.82	\$344.66	\$369.88
	9'	\$ 685.87	\$ 732.11	\$376.39	\$404.52
	10'	\$ 762.39	\$ 813.79	\$414.35	\$445.75
	11'	\$ 864.23	\$ 922.50	\$452.31	\$487.07
	12'	\$ 890.08	\$ 950.09	\$483.96	\$521.51
	13'	\$ 954.05	\$1018.39	\$515.60	\$556.00
	14'	\$1018.04	\$1086.68	\$547.24	\$590.40
	15'	\$1081.69	\$1154.62	\$578.82	\$624.85
	16'	\$1145.62	\$1222.86	\$610.42	\$659.20

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MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE STEEL DETACH CHAINS	MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE STEEL DETACH CHAINS	MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE STEEL DETACH CHAINS	MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE STEEL DETACH CHAINS
Akey	M18	POR	—	POR	H&S	295	\$492.28	\$492.28	\$389.05	Knight	350	\$351.19	\$351.19	—	NH Dble.	510,511,512	—	\$22.40	\$461.32
Akey	M50	POR	—	POR	H&S	350	\$537.18	\$537.18	—	Knight	410	\$398.27	\$398.27	—	NH Dble.	513,514	\$454.23	\$401.52	—
Akey	M90	POR	—	POR	Huebner	101,102,103	\$253.50	\$253.50	\$206.19	Knight	500	\$385.77	\$385.77	—	NH Dble.	516,517,518	\$628.10	\$554.92	—
Allis Chalmers	281-140S	\$295.46	\$295.46	\$237.50	Int. Harv.	125,130	\$322.37	\$322.37	\$258.22	Knight	510	\$385.77	\$385.77	—	NH Dble.	519,520	\$598.45	\$528.03	—
Allis Chalmers	299-180S	\$340.80	\$340.80	\$272.41	Int. Harv.	150,155,160	\$376.86	\$376.86	\$300.18	Knight	650	\$483.21	\$483.21	—	NH Dble.	675,676,677	\$815.88	\$718.76	—
Badger	100	\$329.86	\$329.86	\$283.99	Int. Harv.	175	\$386.11	\$386.11	\$308.88	Massey Ferg.	A-10,A-21,A-22	\$249.73	\$249.73	\$199.78	NH Dble.	679,680	\$779.06	\$696.46	—
Badger	150	\$361.00	\$361.00	\$287.97	Int. Harv.	200F	\$303.72	\$303.72	\$242.97	Massey Ferg.	18,20	\$286.79	\$286.79	\$229.43	NH Dble.	10A	\$264.77	\$264.77	\$211.82
Badger	160	\$328.52	\$328.52	\$282.96	Int. Harv.	200HT	\$252.40	\$252.40	\$201.92	Massey Ferg.	110,130	\$286.36	\$286.36	\$230.49	NH Dble.	12A,17,200	\$269.87	\$269.87	\$215.89
Badger	200	\$384.85	\$384.85	\$272.30	Int. Harv.	320	\$409.09	\$409.09	\$324.99	Massey Ferg.	160	\$328.53	\$328.53	\$262.96	NH Dble.	14,18	\$215.50	\$215.50	\$182.40
Badger	205	\$414.84	\$414.84	\$329.42	Int. Harv.	400,400A	\$343.46	\$343.46	—	Massey Ferg.	205	\$412.84	\$412.84	\$327.68	NH Dble.	15,19	\$300.70	\$300.70	\$240.56
Badger	240	\$473.43	\$473.43	\$332.13	Int. Harv.	530	\$386.66	\$386.66	\$237.53	Massey Ferg.	721	\$352.80	\$352.80	\$282.24	NH Dble.	201,203,208	\$317.27	\$317.27	\$254.29
Badger	3210	\$424.45	\$424.45	\$375.40	Int. Harv.	550	\$428.52	\$428.52	—	Massey Ferg.	724	\$408.66	\$408.66	\$326.93	NH Dble.	202	\$303.25	\$303.25	\$242.60
Badger	3260	\$497.17	\$497.17	—	Int. Harv.	555	\$510.53	\$510.53	—	Massey Ferg.	727	\$439.32	\$439.32	—	NH Dble.	205,207,210	\$399.55	\$399.55	\$317.64
Badger	3330	POR	POR	POR	Int. Harv.	560	\$599.80	\$599.80	—	Massey Ferg.	M125A	\$462.38	\$462.38	\$254.30	NH Dble.	206	\$263.18	\$263.18	\$210.54
Balzer	204	POR	POR	POR	Int. Harv.	570	\$325.72	\$325.72	\$260.80	Massey Ferg.	M145A	\$522.70	\$522.70	\$287.49	NH Dble.	211	\$295.83	\$295.83	\$240.63
Balzer	240	POR	POR	POR	Int. Harv.	575	\$325.72	\$325.72	\$260.80	Massey Ferg.	M160A	\$591.04	\$591.04	\$325.07	NH Dble.	212	\$343.36	\$343.36	\$240.65
Balzer	300	POR	POR	POR	Int. Harv.	580	\$372.55	\$372.55	\$296.86	Massey Ferg.	M190A	\$694.29	\$694.29	\$381.86	NH Dble.	213,217	\$408.75	\$408.75	\$287.70
Balzer	307	POR	POR	POR	Int. Harv.	595	\$469.57	\$469.57	\$329.52	Massey Ferg.	M225A	\$715.49	\$715.49	\$393.53	NH Dble.	214	\$465.23	\$465.23	\$324.23
Balzer	410	\$365.72	\$365.72	\$259.38	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	M300A	\$715.49	\$715.49	\$393.53	NH Dble.	218,244	\$561.63	\$561.63	—
Balzer	440	\$460.66	\$460.66	\$345.68	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	M350A	\$803.31	\$803.31	\$441.82	NH Dble.	224,245	\$626.00	\$626.00	\$549.13
Balzer	515	\$782.42	\$782.42	\$435.68	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	M235	\$370.16	\$370.16	\$296.12	NH Dble.	243	\$457.69	\$457.69	\$401.49
Balzer	700	\$993.24	\$993.24	\$430.69	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	M295	\$370.16	\$370.16	\$296.12	NH Dble.	351A	\$298.94	\$298.94	\$240.18
Big Blue	180	\$396.80	\$396.80	\$314.76	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	M350	\$370.16	\$370.16	\$296.12	NH Dble.	351B	\$314.05	\$314.05	\$251.81
Case	75	\$274.42	\$274.42	\$219.54	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL200	\$275.53	\$275.53	\$220.42	NH Dble.	352	\$337.92	\$337.92	—
Cockshutt	623A	\$289.00	\$289.00	\$231.20	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	353	\$337.92	\$337.92	—
Co-op	31T	\$289.00	\$289.00	\$231.20	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	354	\$337.92	\$337.92	—
Cunningham	85A	POR	POR	POR	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	355	\$337.92	\$337.92	—
Decker	100, 101, 301	\$314.52	\$314.52	\$251.61	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	356	\$337.92	\$337.92	—
Eze-Way	1700	\$283.44	\$283.44	\$226.75	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	357	\$337.92	\$337.92	—
Farm-Eze	430	\$277.02	\$277.02	\$221.62	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	358	\$337.92	\$337.92	—
Farmhand	450	\$277.02	\$277.02	\$221.62	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	359	\$337.92	\$337.92	—
Farmrite	M165	\$363.34	\$363.34	\$289.87	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	360	\$337.92	\$337.92	—
Ferguson	A10,21,22	\$255.72	\$255.72	\$204.58	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	361	\$337.92	\$337.92	—
Forage King	160	\$369.65	\$369.65	\$296.72	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	362	\$337.92	\$337.92	—
Ford	2016	\$323.35	\$323.35	\$258.68	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	363	\$337.92	\$337.92	—
Freeman	180	\$380.07	\$380.07	—	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	364	\$337.92	\$337.92	—
Gehl	250	\$427.54	\$427.54	—	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	365	\$337.92	\$337.92	—
Gehl	350	\$349.51	\$349.51	\$279.12	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	366	\$337.92	\$337.92	—
Gehl	500	\$410.87	\$410.87	—	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	367	\$337.92	\$337.92	—
Gruett	180	\$322.07	\$322.07	\$257.66	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	368	\$337.92	\$337.92	—
H&S	180	\$365.00	\$365.00	\$291.05	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	369	\$337.92	\$337.92	—
H&S	220	\$365.00	\$365.00	\$291.05	Int. Harv.	680	\$318.75	\$318.75	\$255.43	Massey Ferg.	SL300	\$275.53	\$275.53	\$220.42	NH Dble.	370	\$337.92	\$337.92	—

FORAGE BOX CONVEYOR CHAINS

		APRON PRICE STEEL	APRON PRICE PINTLE CHAIN	APRON PRICE T BAR CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CHAIN			APRON PRICE STEEL	APRON PRICE PINTLE CHAIN	APRON PRICE T BAR CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CHAIN			APRON PRICE STEEL	APRON PRICE PINTLE CHAIN	APRON PRICE T BAR CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CHAIN			APRON PRICE STEEL	APRON PRICE PINTLE CHAIN	APRON PRICE T BAR CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CHAIN					
MAKE	MODEL						MAKE	MODEL						MAKE	MODEL						MAKE	MODEL					MAKE	MODEL				
A-C	17142-0	POR	POR	POR	POR	POR	Gehl	83,84,86	234 57	314 70	314 70	142 05	193 40	Int Harv	105,110,14'	255 35	342 60	342 60	POR	POR	Knight	14-7	231 93	311.58	311.58	137 79	196.75					
Artsway	BN23 16'	POR	404 18	404 18	POR	POR	Gehl	610,620,630, 640, 14'	271 81	367 79	367 79	POR	POR	Int Harv	105,110, 16'	285 70	385 87	385 87	POR	POR	Knight	17-7	283.50	385.67	385.67	137 79	196.75					
Badger	BN24 18'	POR	POR	POR	POR	POR	Gehl	610,620,630, 640, 16'	313 46	422 62	422 62	POR	POR	Int Harv	120,14'	259 38	349 82	349 82	POR	POR	Knight	20-7	328 02	449 71	449 71	137 79	196.75					
Badger	BN950 14'	236 25	344 40	344 40	120 39	196 12	Gehl	700,710,810, 910,920,940	241 12	323 88	323 88	POR	185 73	Int Harv	120,16'	290 22	393 94	393 94	POR	POR		Barge Box	1500-7	283.50	385 87	385 87	POR	POR				
Badger	BN950 16'	267 68	389 20	389 20	120 39	196 12	Gehl	960, 14'	274 08	370 02	370 02	122 52	185 73	Int Harv	130 15'	273 63	370 20	370 20	POR	POR	Knight	Barge Box	1800-7	328 02	422 62	422 62	POR	POR				
Badger	BN1416 14'	POR	POR	POR	POR	POR	Gehl	910,920,940, 960, 16'	308 26	416 16	416 16	POR	POR	John Deere	61	POR	371 84	371 84	POR	POR		Rex 14'	559.39	652 71	652 71	101 70	POR					
Badger	BN1416 16'	POR	POR	POR	POR	POR	Gehl	BU960 18'	308 26	416 16	416 16	POR	POR	John Deere	110	POR	488 00	POR	133 17	POR	Lamco	Rex 16'	290.22	397 17	397 17	101 70	POR					
Balzer	5014	POR	361 68	361 68	POR	POR	Gehl	970 14'	286 95	383 67	383 67	139 23	POR	John Deere	112	235 37	310 91	310 91	139 23	POR	Massey Ferg.	23 14'	236 29	344 40	344 40	120 39	196 12					
Balzer	6514	POR	304 56	304 56	POR	POR	Gehl	970 16'	286 95	383 67	383 67	139 23	POR	John Deere	122	235 37	310 91	310 91	138 40	POR	Massey Ferg.	23 16'	267 68	389 20	389 20	120 39	196 12					
Balzer	6516	POR	418 84	376 40	POR	POR	Gehl	970 18'	286 95	383 67	383 67	138 40	169 20	John Deere	125	235 37	310 91	310 91	138 40	POR	Meyers	416	POR	POR	POR	132 96	POR					
Balzer	6520	POR	551 90	484 12	POR	POR	Gehl	970 20'	247 21	328 29	328 29	134 30	169 20	John Deere	214 14'	247 21	328 29	328 29	134 30	169 20	Meyers	418	POR	POR	POR	132 96	POR					
Balzer	7018	POR	POR	POR	POR	POR	Gehl	970 22'	306 90	413 62	413 62	134 30	197 50	John Deere	216 16'	306 90	413 62	413 62	134 30	197 50	Meyers	516	POR	POR	POR	138 40	POR					
Danco	14'	POR	313 44	313 44	POR	POR	H&S	500 14'	269 05	362 08	362 08	139 20	197 50	John Deere	744	269 05	362 08	362 08	139 20	197 50	Meyers	518	POR	POR	POR	138 40	POR					
Danco	16'	293 16	359 24	359 24	POR	POR	H&S	500 16'	305 88	414 57	414 57	139 20	POR	John Deere	716	305 88	414 57	414 57	139 20	POR	Meyers	600 16'	POR	POR	POR	148 32	POR					
Dion	Forage Box	POR	345 48	345 48	POR	POR	H&S	500 18'	239 40	349 82	349 82	POR	POR	Kasten	20 14'	239 40	349 82	349 82	POR	POR	Meyers	600 18'	POR	POR	POR	148 32	POR					
Dion	14'	POR	345 48	345 48	POR	POR	Heston	7314	296 23	402 56	402 56	POR	POR	Kasten	20 16'	296 23	402 56	402 56	POR	POR	Meyers	600 20'	POR	POR	POR	POR	POR					
Dion	16'	POR	389 09	389 09	POR	POR	Heston	7316	246 33	332 80	332 80	POR	POR	Kasten	21 14'	246 33	332 80	332 80	POR	POR	Miller	Pro 2150	POR	POR	POR	POR	POR					
E-Z	714	POR	POR	POR	125 85	217 50	Heston	7322 14'	278 34	376 92	376 92	POR	POR	Kasten	21 16'	278 34	376 92	376 92	POR	POR	Miller	Pro 2175	POR	POR	POR	POR	POR					
E-Z	716	POR	POR	POR	125 85	POR	Heston	7322 16'				POR	POR	Kasten	Power Box 14'					POR	Miller	Pro 2200	POR	POR	POR	POR	POR					
Fox	WB 16A	POR	POR	POR	127 47	POR	Heston	7326 14'				POR	POR	Kasten	Power Box 16'	239 40	342 95	342 95	POR	POR	New Holland	3	327 22	473.94	446.04	108 54	POR					
Fox	325	POR	POR	POR	POR	POR	Heston	7326 16'				POR	POR	Kasten	KL					POR	New Holland	6	374 85	544.90	514.00	108 54	POR					
Fox	625	POR	POR	POR	126 80	POR	Int Harv	51 14'	309 79	418 82	418 82	150 51	POR			272 71	394 06	394 06	POR	POR	New Holland	8	287 67	387 35	387 35	127 71	POR					
Gehl	80,81,82	234 57	314 70	314 70	142 05	193 40	Int Harv	51 16'	348 63	473 98	473 98	150 51	POR			POR	342 60	342 60	POR	POR	Papec	140	240 65	350.05	350 05	POR	POR					

Franklin 4-H'er

(Continued from Page D14)

daily weight gain of the steers, with five steers gaining over three pounds a day.

"Any time you get a steer gaining three pounds a day, that's not bad," commented County Agent William Reagan in presenting the awards. Daily Gain awards went to: 1. Joan Gallagher, 3.45 lbs./day; 2. John Gallagher, 3.18 lbs./day; 3. Regina Lebo, 3.15 lbs./day; 4. Jody Hawbaker, 3.13 lbs./day; 5. Cameron Pederson, 3.01 lbs./day.

Lebo presented the Leader's Award, a first for the Franklin County club, to Steve and Roger Jones of St. Thomas "for their

dedication to each other and for their accomplishments as Beef members."

Both boys have been members of the club for two years. Roger, 16, is handicapped, and is assisted in showing and caring for his steer by his brother, Steve, 17. Steve shows his own steer and his brother's in all competitions. In presenting the award to Steve, Lebo said, "I've been proud of you for the dedication and support you have lent to your brother Roger so he could be a 4-H beef member while you were. You can accept this award with great pride."

To Roger he said, "I present this award to you with a great deal of

love and respect. You've been a delight to have as a 4-H Beef member."

Steve, a senior at James Buchanan High School, will be unable to participate in Beef Club activities next year due to college and work commitments. The brothers are the sons of Mr. and Mrs. Richard L. Jones of St. Thomas.

Nicole Lebo, daughter of Leon and Judy Lebo, Greencastle, received the Grand Champion banner. Darren Meyers, 15, received the Reserve Grand Champion banner. He is the son of Gary and Elaine Meyers, Greencastle. Nicole and Darren showed the Grand Champion and Reserve Grand Champion steers respectively in both the Franklin County Fair and the Franklin County Baby

Beef Round-Up. Both showed Light Heavyweight steers. Nicole, 14, also received the Grand Champion Fitting and Showing plaques.

Donnie Sheiss, club president, was also recognized by Lebo for his dedication to 4-H. "He is successful, competitive, and willing to help younger members and leaders

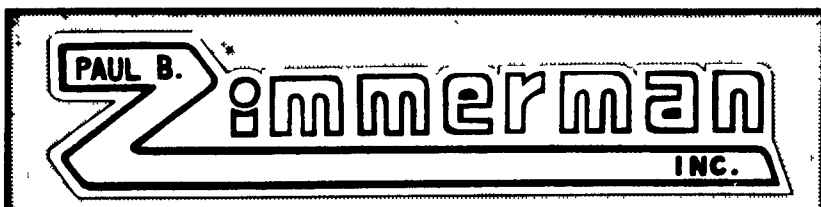
alike," Lebo said.

Weight Champions were: Lightweight- Trina Eshleman, Greencastle; Medium Weight- Cheryl Hawbaker, Mercersburg; Light Heavyweight- Nicole Lebo; Medium Heavy Weight- David Sheiss; Heavyweight- Donnie Sheiss.

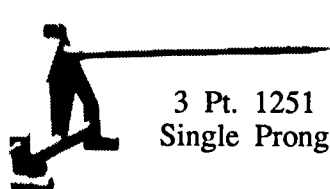
Berks Cattle Sale Cancelled

LEESPORT — The Berks County Cattlemen's Association announces its Club Calf and Registered Heifer Sale scheduled for Saturday, November 21, 1987, has been cancelled. The sale was to

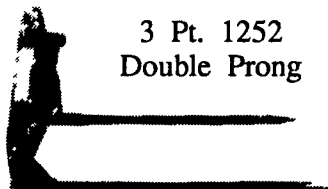
have been held at the Leesport Market & Auction, located off Route 61 at Leesport. Cattle previously consigned to the sale are available for sale by private treaty. For information, contact 215-378-1327.



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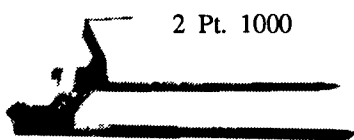
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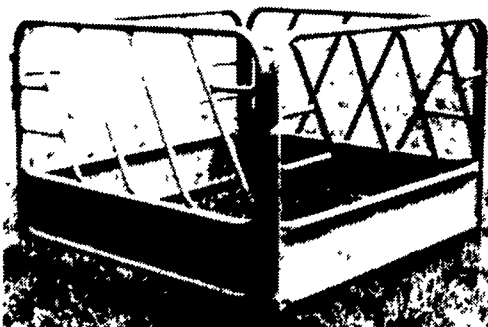


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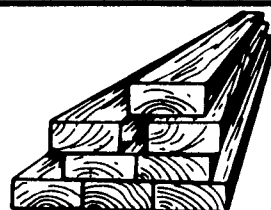
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Management, Technology Increase Bovine Efficiency

MINNEAPOLIS, MN' — Application of management disciplines and new technologies are making possible enormous advances in reproductive efficiency in dairy and beef cattle herds, George E. Washington, D.V.M., of Purcellville, VA, told editors at the annual meeting of the American Association of Agricultural Editors.

Dr. Washington, President of the American Association of Bovine Practitioners, detailed the cost of reproductive failure at a Livestock Health News Conference co-sponsored by the American Veterinary Medical Association (AVMA) and three other

national veterinary organizations. "Milk production at our best herds now averages over 23,000 pounds per cow per year, up from 17,000 pounds just a few years ago. Some individual cows are now producing over 40,000 pounds of milk," Dr. Washington said.

This increased efficiency is due to improved herd management and application of new technology, Dr. Washington said. For example, use of efficient reproductive health management practices before, during and after calving can earn producers thousands of dollars more each year, he said.

A 95 percent net calf crop is a

realistic goal for a reproductive health management program, Dr. Washington said, but it is too rarely achieved. "Management observation of heat will significantly increase results," he said.

Dr. Washington said a breeding season evaluation by a veterinarian provides a good tool for measuring a cow herd's reproductive efficiency. Such an evaluation should include:

- Herd reproductive information and record-keeping, including birth date of calves and the age of their dams, calf growth rates, breeding season dates, pregnancy examination results, and herd morbidity and mortality rates;

- Analysis of this data giving total pregnancy rate and period breeding percentages based on 21-day intervals;
- Professional interpretation of the information allowing for detection of problems within the herd that need improvement;
- Suggestions on how to correct reproductive problems identified in the evaluation that may include an acute infectious process, chronic infections, mismanagement, poor nutrition, or a combination of problems.

Among new technologies now increasing productivity in dairy herds is a fast and reliable progesterone test, used to determine when

the cow is in heat. Artificial insemination and embryo transfers are also yielding significant results in increased productivity.

The availability of high quality genetic semen for artificial insemination has made possible a degree of selectivity never before possible, according to Dr. Washington. Growth-promotant implants are being used successfully, and other promising advances in technology are on the horizon, including the use of growth hormones and application of techniques of genetic engineering.

In beef cattle herds, an investment in annual breeding soundness examination of bulls yields a return of \$13 to \$17 per cow, Dr. Washington reported.

Nutrition is another area where new knowledge is providing opportunities for increased reproductive efficiency, he said. Cows in a dairy herd are now commonly grouped according to productivity and fed different rations to maximize results.

Joining Dr. Washington at the news conference were Wayne R. Freese, D.V.M., President of the American Association of Swine Practitioners, and Robert Ashley Robinson, BVSc, Ph.D., Vice President of the American Association of Sheep and Goat Practitioners.

More Rabies Cases In Delaware

NEW CASTLE COUNTY — Two more cases of rabies have been confirmed in New Castle County by public health officials within the past week.

A suspicious-acting raccoon found wandering through a housing development in Newark, November 6, was captured and submitted for testing at the public health lab in Dover, according to Dr. Wesley Towers, state veterinarian with the Department of Agriculture.

Another raccoon was shot and killed with a B-B gun by two youths in Pike Creek near Newark, November 7, and submitted for testing, Towers said.

Both animals tested positive for rabies.

The first confirmed case of rabies in Delaware was reported near Yorklyn in early October. In this instance a raccoon attacked a dog and was brought in for testing.

"I can't stress enough the importance of not handling any wild animals because of how the disease is transmitted," Towers said.

Rabies is transmitted to humans and other animals through a rabid animal's saliva by way of a bite or by dripping on a fresh wound or scratch, Towers explained.

The youths who killed the raccoon in Pike Creek Park allegedly carried the animal home before it was taken to the public health lab.

Anyone who sees a sick or suspicious-acting wild animal or who captures such an animal should immediately contact his county public health officer for advice on handling the animal.

"People should only capture suspected rabies carriers if they can do it without risk of infection," Towers pointed out.

Anyone bitten by a suspected rabies carrier should seek prompt medical attention.

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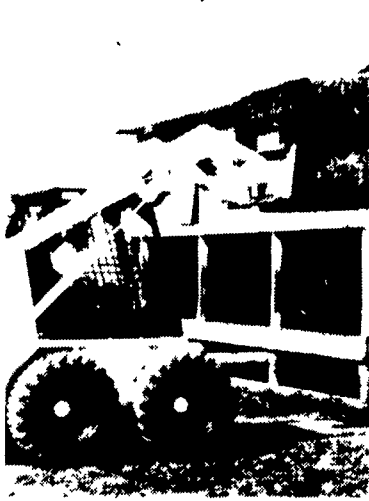
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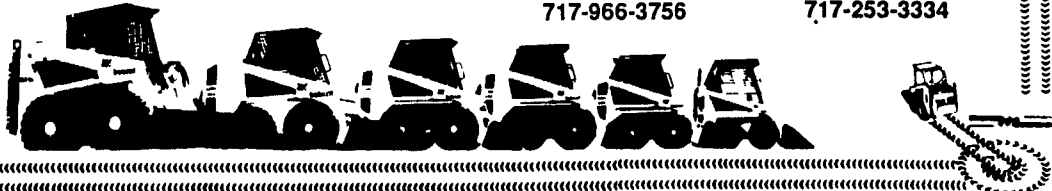
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Monthly Report

September, 1987

Owner	Cow's Name	Brd	Age	Milk	Fat
Mark A Naugle	Emerald	3	7	21,978	950
Lemar Farm	Dusty	3	6	24,530	931
Thrush Brothers	15	3	6	22,449	930
	4	3	8	25,846	914
Donald M Leatherman	Ann	B3	4	26,973	912
Otto Brothers	Roo	3	5	19,447	907
Lee G Davidson	Amity	3	5	20,404	903
David E Gettle	Alice	3	8	21,186	900
Bradley C Beidel	600	3	3	21,151	887
Harry & Paul Hoch	Lindy	3	4	21,215	880
Glenn W Myers	Cindy	3	5	19,577	879
J David Martin	Joanna	3	3	23,192	863
JB Brymessenger & Sons	529	B3	5	24,258	858
Thrush Brothers	103	3	3	23,100	858
L Dorell & Bev Agar	Poly	B3	7	24,323	857
Lee G Davidson	Marlou	3	5	22,559	855
Rodger E Hoke	55	B3	5	17,817	851

Greg & Sheree Clelan	66	3	3	23,088	846
Kenneth Horst	30	B3	5	22,837	845
Berkheimer Farms	24	B3	7	17,862	840
Glenn W Myers	Sherry	3	7	21,187	839
Paul O Dyarman	Renee	3	9	20,254	837
Lee A Hoover Jr	Giggy	3	5	20,120	834
Mark S Nolt	Hika 7	3	5	18,905	833
Harry & Paul Hoch	Lola	3	3	18,330	832

Rolling Herd Averages

Kenneth Zeigler Sons	3	52	91	19,445	720
Leroy Showaker & Son	3	70	87	19,029	714
Nevin Shughart	B3	29	89	20,905	712
Bradley C Beidel	3	35	88	18,876	706
Hills-Hope-Pa Farm	3	51	89	19,650	702
Donald M Leatherman	B3	45	89	20,311	698
J David Martin	B3	44	87	19,496	692
David E Gettle	B3	50	85	18,133	688
M Thomas Sheaffer	3	63	85	19,846	687
J Paul Strock	3	122	87	19,558	686
Roy E Snoke	3	43	90	20,715	683
Robee Acres	3	94	89	18,683	682
Lemar Farm	B3	39	84	18,276	682
Amos Z Sauder	B3	41	86	18,653	681
Glenn Newswanger	B3	73	88	17,909	672
Clifford Chamberlin	3	41	88	17,196	671
Sto-Ebe Farm	B3	39	87	18,310	665
Kenneth Horst	B3	56	86	18,386	664
Lee A Hoover Jr	B3	38	89	18,097	663
Alvin M Martin	B3	59	86	18,513	656
Ridgeline-Acres	B3	76	90	18,610	655
Lee G Davidson	3	69	87	17,375	652
Samuel D Shenk	B3	64	90	18,450	651
Daniel L Martin Jr	B3	83	85	17,151	643
Highland Vue Farms	3	38	88	17,663	639
Leroy Chestnut	B3	58	89	18,378	638
Glenn W Myers	B3	66	88	18,658	633
Dave & Doug Lehman	3	83	86	17,640	631
Mark A Naugle	3	54	87	17,530	631
Lewis N Martin	B3	37	87	17,510	631

Berkheimer Farms	B3	165	84	17,133	631
Roy L Miller	B3	48	87	17,557	630
Thrush Brothers	3	105	88	16,942	625
K Hale & J Reese	3	57	88	18,007	623
Paul O Dyarman	3	58	89	15,978	623
Greg & Sheree Clelan	B3	41	87	18,218	621
Lamar & Carol					
Sensenig	B3	36	88	17,088	620
Glenn & Larry Souder	B3	47	89	18,415	619
Fred A Hoover	B3	40	87	17,263	619
Herbert B Shughart	3	26	90	17,941	616
Marlin Miller & Sons	G3	42	89	17,061	616
Oscar Nealy & Sons	B3	138	89	17,390	614
Weaver Brothers	G3	50	85	16,479	612
Harry & Paul Hoch	3	165	91	16,518	610
JB Brymessenger & Sons	B3	221	87	17,245	607
J Wickard-R Hawkins	B3	61	87	17,346	605
William L McCulloch	B3	128	83	16,967	605
RC Lichtenberger Jr	B3	40	87	17,254	604
Roy E Deitch & Sons	B3	117	87	15,405	603

Otto Brothers					
Roo	5	19,447	4.6	907	
20	4	23,275	3.2	754	
Alena	7	18,572	3.8	714	
71	5	19,540	3.3	662	
105	5	19,247	3.3	654	
Mark A Naugle					
Emerald	7	21,978	4.3	950	
Dill	7	22,502	3.3	763	
Kay	4	21,109	3.5	752	
Carmen	8	22,192	3.3	734	
Diamond	5	17,974	4.0	720	
Nifty	7	19,387	3.5	679	
Robee Acres					
Sara	5	22,808	3.4	795	
Madge	3	19,804	3.7	752	
Josephine	4	20,313	3.5	727	
Ernest	5	17,326	4.0	707	
Tulip	7	20,503	3.3	685	
Donald L Basehore					
Irene	3	18,680	3.5	663	
Becky	5	19,132	3.4	660	
JB Brymessenger & Sons					
529	5	24,258	3.5	858	
643	3	23,931	3.1	764	
645	3	19,229	3.4	671	
548	5	17,758	3.7	671	
Lee G Davidson					
Amity	5	20,404	4.4	903	
Marlou	5	22,559	3.7	855	
Kimmy	5	18,763	3.6	681	
Lacy	2	17,378	3.8	675	
Roy E Snoke					
Ida	4	25,917	2.9	769	

(Turn to Page D19)

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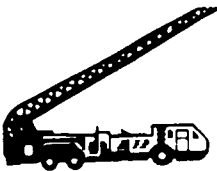
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(Continued from Page D18)

Star	2	23,153	3.0	701
Bessie	5	16,380	4.0	669
Tapper	3	22,546	2.9	667
Galen & Linda Smith				
Lucile	4	20,153	3.2	660
Thrush Brothers				
15	6	22,449	4.1	930
4	8	25,846	3.5	914
103	3	23,100	3.7	858
97	5	18,343	4.3	789
62	3	18,826	3.7	714
83	6	18,879	3.6	695
11	3	17,238	4.0	693
Roy L Miller				
3	6	21,001	3.5	756
39	10	19,889	3.7	747
15	7	20,415	3.5	720
51	6	17,401	3.8	678
Dave & Doug Lehman				
20	3	18,917	4.2	810
Roy L Coover				
52	8	18,907	3.5	667
30	10	17,603	0.0	658
J Paul Strock				
Patti	4	19,459	4.1	810
Helen	4	19,588	4.0	802
Sally	9	22,808	3.4	796
Sundown	9	24,459	3.0	745
Kit	3	20,519	3.5	726
Paul O Dyarman				
Renee	9	20,254	4.1	837
Elite	6	19,617	3.7	731
Silkie	2	15,130	4.3	664
Harry & Paul Hoch				
Lindy	4	21,215	4.1	880
Lola	3	18,330	4.5	832
Lucreta	5	18,743	4.1	787
Jacks	6	18,589	3.8	721
Merle & Sharon Dice				
21	5	23,972	2.9	704
128	5	20,122	3.3	682
Glenn & Larry Souder				
177	4	21,913	3.4	749
6	3	18,151	4.0	738
146	6	19,853	3.3	664
24	2	16,466	3.9	658
198	3	19,827	3.2	650
Greg & Sheree Clelan				
66	3	23,088	3.6	846
K Hale & J Reese				
Viola	5	20,343	3.7	758

Raven	4	21,621	3.2	698
David E Gettle				
Alice	8	21,186	4.2	900
Ruby	10	19,033	3.9	744
Rodger E Hoke				
55	5	17,817	4.7	851
43	5	17,228	4.3	748
Fred B McGillvray				
Estelle	4	19,333	4.0	776
Sherry	3	21,612	3.0	655
Gretchen	5	18,074	3.6	651
Hills-Hope-Pa Farm				
Candice	4	18,123	3.7	676
John F Stamy III				
120	8	17,986	4.5	823
53	7	20,026	3.6	725
183	3	19,336	3.5	677
Ridgeline-Acres				
116	7	25,314	3.2	829
7	5	22,636	3.5	809
45	8	17,411	4.2	745
Leroy Chestnut				
20	4	20,183	3.7	753
18	5	19,964	3.5	705
56	3	19,171	3.6	705
31	5	22,138	3.1	689
5	4	15,746	4.9	689
Samuel D Shenk				
119	3	17,113	4.0	685
Robert H Jamison				
Dina	4	23,109	3.1	732
Sandrod Farms				
20	5	19,260	3.7	722
49	4	22,057	3.1	695
Oscar Nealy & Sons				
7	2	17,924	4.1	743
L Dorell & Bev Agar				
Poly	7	24,323	3.5	857
Bee	10	23,789	3.2	769
Sandy	7	19,014	3.6	686
Berkheimer Farms				
24	7	17,862	4.7	840
84	4	19,124	3.9	749
35	4	16,522	4.4	727
157	3	17,836	3.8	692
8	2	16,165	4.2	684
17	3	19,956	3.3	677
Stambaugh Farms				
26	4	22,826	2.9	666
139	4	20,589	3.2	659
1	6	19,218	3.4	656
39	5	21,237	3.0	651
Glenn W Myers				
Cindy	5	19,577	4.4	879
Sherry	7	21,187	3.9	839

Lancaster Farming Saturday, November 21, 1987-D19

Della	4	22,361	3.1	711
Judith	2	16,917	4.0	680
Candy	3	21,423	3.1	674
Kenneth Zeigler Sons				
Eunice	2	18,195	3.7	687
Aaggie	11	16,757	4.0	672
Wm F & Susan Dietrich				
Zora	6	13,310	5.1	682
Five Oaks Farm				
9	4	22,770	3.2	729
42	9	19,169	3.6	709
31	2	19,326	3.4	659
Clifford Chamberlin				
Myra	4	19,349	4.2	810
Fawn	1	15,787	4.1	652
George P Wickard				
Cotton	5	16,077	4.6	740
Inez	3	16,292	4.3	712
Joy	3	16,692	4.1	686
Carl L Lehman				
Loretta	5	16,363	4.0	660
Daniel L Martin Jr				
146-RC	6	20,990	3.7	793
66	3	14,803	5.0	741
50	3	18,789	3.7	710
160	5	18,537	3.6	685
189	4	21,308	3.2	675
90	2	17,988	3.7	675
197	4	17,859	3.7	674
62	3	15,725	4.2	664
Marlin Miller & Sons				
26	8	23,306	3.5	828
16	6	22,175	3.5	794
6	6	20,180	3.5	712
J David Martin				
Joanna	3	23,192	3.7	863
Nettie	4	19,096	3.9	746
Lois	3	17,530	4.1	733
Maggie	4	20,697	3.4	706
Sara	4	20,964	3.2	678
Amy	5	21,911	3.0	670
Charles E Heberlig				
71	5	20,443	3.2	655
Roy E Deitch & Sons				
39	4	19,263	3.8	746
Glenn Newswanger				
66	3	22,203	3.7	823
53	7	18,617	4.3	816
34	3	20,595	3.8	785
75	4	18,074	4.0	731
Mark E Leinaweaver				
Ginger	4	18,345	3.6	670

(Turn to Page D20)

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(Continued from Page D19)

Ed Brackbill-R Yost				
227	4	16,011	4.4	718
Mark S Nolt				
Hika 7	5	18,905	4.4	833
26	6	20,983	3.3	713
J Wickard & R Hawkins				
05	2	18,233	3.8	694
Lemar Farm				
Dusty	6	24,530	3.7	931
Isabele	5	22,509	3.6	830
Ronald Baer				
Ivy	5	18,288	4.0	745
Lewis N Martin				
June	5	22,036	3.5	784
Lizzie	7	20,539	3.3	696
Barb	4	15,795	4.2	676
Amos Z Sauder				
Rick	5	20,692	3.8	788
Sheryl	5	22,146	3.2	720
Delia	5	20,208	3.3	668
Highland Vue Farms				
Ida	4	17,135	3.9	670
Twin Pine Dairy				
Peggy	4	19,364	4.0	787
Amy	4	19,110	3.7	708
RC Lichtenberger Jr				
14	4	21,605	3.5	775
Button	4	19,773	3.6	731
Dragon	4	19,838	3.5	713
Sto-Ebe Farm				
1	4	22,939	3.5	812

33				
Bradley C Beidel				
600				
478				
318				
50				
52				
William L McCulloch				
330				
126				
571				
12				
130				
Alvin M Martin				
51				
Kenneth Horst				
30				
305				
90				
85				
44				
Lonni A Wickard				
Bunny				
Sophia				
Daniel Ocker				
70				
Ivy-League Holsteins				
Bertie				
M Thomas Sheaffer				
Lindy				
#Dana				

4	21,240	3.2	690
3	21,151	4.1	887
5	25,392	3.0	765
4	21,462	3.2	697
3	17,930	3.9	691
4	18,409	3.5	651
0	20,322	3.5	731
5	22,914	3.1	728
5	22,267	3.2	724
3	17,634	3.8	682
11	19,677	3.3	656
3	22,992	3.0	706
5	22,837	3.7	845
6	21,477	3.4	750
4	18,721	3.8	720
4	20,166	3.3	674
5	20,464	3.2	663
5	22,954	3.4	790
9	22,641	3.3	755
9	17,165	4.0	692
3	19,680	3.4	680
3	21,549	3.7	798
3	21,993	3.5	771

#Dolly			
Robert-Margaret Smith			
Carmel			
Lindy			
Opal			
Nathan K Ebersole			
48			
Donald M Leatherman			
Ann			
Emmy			
Angel			
Dumplin			
Mains Acres			
502			
477			
599			
Lee A Hoover Jr			
Giggy			
Dandy			
Pollyann			
Bambi			
Doris			
Nevin Shughart			
968			
107			
103			
902			
73			
Tiny			
113			
Robert E Keefer			
538			

3	25,576	2.9	760
5	19,748	4.0	808
4	20,741	3.6	765
3	17,760	3.9	710
3	19,785	3.6	727
4	26,973	3.3	912
3	21,035	3.6	776
9	23,974	3.1	749
5	27,250	2.4	656
3	19,561	3.6	713
5	20,340	3.4	707
3	19,743	3.4	683
5	20,120	4.1	834
4	20,852	3.9	822
4	20,508	3.8	798
4	22,063	3.5	788
5	22,988	3.3	762
3	22,997	3.3	776
6	26,045	2.9	772
3	19,952	3.7	757
4	20,098	3.6	727
3	23,654	3.0	723
4	21,659	3.2	701
5	21,045	3.2	688
8	19,849	3.3	665

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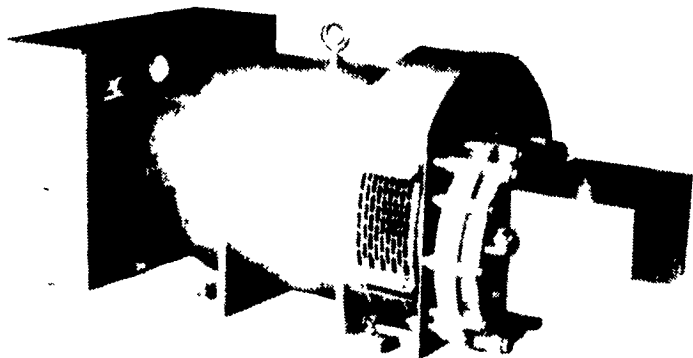
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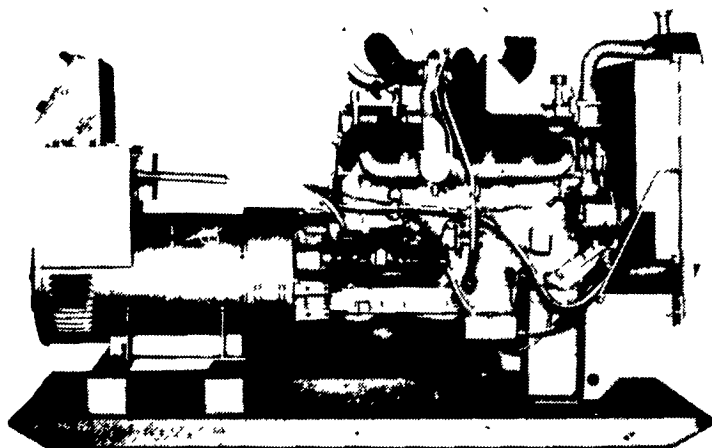
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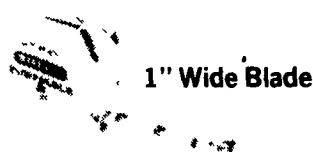
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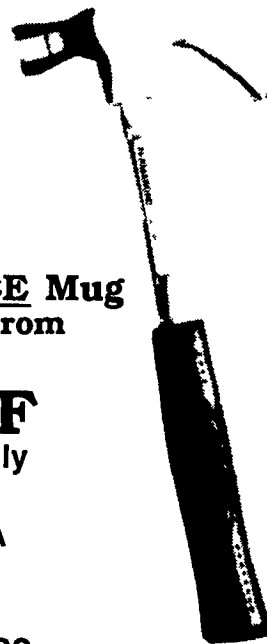
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Monthly Report

September 1987

Name	Brd	No. Cows	% Days In Milk	Milk Lbs	3 X	Fat Lbs
L & J Holsteins	3	39.2	91.7	20,254	0	766
Glenn Bowen	3	38.6	89.1	20,681	0	755
John S Bennett	3	59.1	83.2	18,292	0	733
Leemon E Gaugler	3	43.7	85.6	18,531	0	724
Eugene Sargent	B3	60.9	89.9	19,072	0	724
Fred Pazzaglia	G3	61.6	83.7	18,323	0	721
Doug & Jenny Lawton	3	62.9	88.7	19,936	0	717
Charles&Doris Porter	3	49.1	87.8	20,406	0	715
Robert L Miller	B8	76.2	85.9	20,128	0	715
Gor-Wood-D	3	145.9	84.0	21,305	0	713
War-Bern Farm	3	104.4	87.5	19,638	0	711
Schmelway Farms	3	51.3	87.2	19,333	0	710
Richard Groover	3	36.4	86.6	20,309	0	707
Charles D Groover	3	15.7	89.4	18,524	0	707
Double-B-Farm	B3	39.5	84.8	19,846	0	702
Dean Baity	3	56.1	87.5	17,895	0	702
Mike Buckwalter	3	60.9	83.5	20,527	0	699
Barry&Jane Hultz	B3	66.9	86.1	17,724	1	698
Emery-Rick Davis	B3	55.1	87.6	18,539	0	696
Terry & Linda						

Long Harold Robson Jr	B3	38.9	88.0	18,745	0	693
Clark Bowen & Son	3	53.3	84.5	19,197	0	691
Galen & Dale Jackson	B3	53.1	86.9	19,463	0	688
John&Ed Sticklin	B3	36.8	84.7	18,310	0	684
Verne W Bowen	B3	42.5	87.4	19,406	1	682
Dave&Donna Cleveland	3	39.3	88.4	19,288	0	682
Chris Gaugler	B3	46.6	81.7	20,037	0	678
Vandelinder Hill-side	3	41.9	87.5	18,251	0	676
Paul & Emma Machmer	B3	45.5	91.4	16,507	0	674
Philip - Anne Clark	B3	22.1	81.2	16,887	0	674
Bill Lichty	B3	24.1	85.8	18,166	0	672
Sweetbriar Acres	B3	47.1	89.6	18,137	0	669
Fred Pazzaglia #2	B3	88.3	87.5	18,187	0	667
Norman&Gary Jackson	G3	47.1	80.3	17,569	1	666
William Chamberlain	3	39.4	84.4	18,419	0	665
Windswept Dairy	3	44.8	82.7	18,669	0	664
Oliver&Marian Butler	3	101.2	86.2	16,845	0	663
Clifford Brace	3	56.9	88.0	19,324	1	652
Robert L Miller	B3	50.9	85.3	17,815	0	650
Clark Bowen & Son		4-3	305	25,209	4.4	1110
Pamela Jill		8-2	305	22,843	3.8	875
Windswept Dairy		7-2	305	28,264	3.7	1072
		5-4	305	29,165	3.5	1035
		6-10	305	27,353	3.8	1066
		5-11	305	22,433	4.0	913
		4-11	305	22,808	3.9	896
		5-0	305	23,896	3.6	876
		5-11	305	26,337	3.3	870
Gor-Wood-D Spreus		11-9	305	27,754	3.8	1059
Gabriel		4-11	305	27,636	3.4	943

Lancaster Farming Saturday, November 21, 1987-D21

Fred Pazzaglia						
4	5-0	305	25,459	4.0	1029	
3	4-10	305	21,106	4.1	879	
25	4-10	305	20,174	4.2	861	
War-Bern Farm						
Becky	5-3	296	21,604	4.5	987	
Lawrence Egleston						
115	5-3	305	28,643	3.4	982	
Sharlene M Clark						
241	7-5	290	19,831	4.8	959	
Larry & Mary Herman						
Pansy	4-6	305	22,819	4.1	950	
L & J Holsteins						
Rose	4-10	305	25,430	3.7	945	
Erwin & Dianne Spencer						
Paula	7-5	305	22,713	4.1	941	
John S Bennett						
Banner	4-7	305	20,911	4.3	909	
Gordon M Wood						
63 Pebs	5-2	305	23,967	3.7	907	
36 Jewl	5-3	289	20,696	4.3	899	
Roy A Schanbacher						
Spring	5-3	305	24,125	3.7	894	
Clifford Brace						
Jane	5-7	305	22,958	3.8	890	
Simalot Holsteins						
Nora	5-2	305	20,077	4.4	888	
Wood Farms						
36	3-0	305	21,879	4.0	886	
Ken & Ruth Powlison						
Debbie	6-5	305	23,700	3.7	881	
Emery-Rich Davis						
Julie	5-0	305	21,059	4.1	881	
Janet	3-5	305	20,838	4.1	861	
Middle Ridge Farm						
347	3-9	305	23,972	3.6	878	
333	3-9	305	21,953	3.8	852	
John & Ed Sticklin						
54	5-2	290	23,285	3.7	873	
Baker Family Farm						
255	7-1	305	21,318	4.0	873	
10	3-7	305	19,071	4.4	854	
Richard Groover						
Lucy	5-0	304	26,048	3.3	863	
William Chamberlain						
291	5-7	305	20,890	4.0	852	

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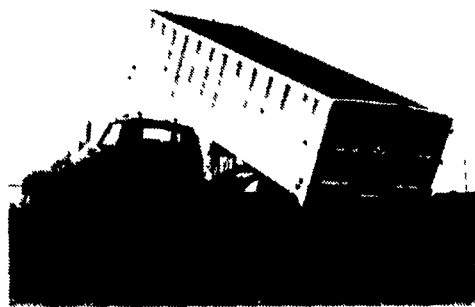
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USDA's Conservation Reserve Program Saves Soil

LEESPORT — The USDA's Conservation Reserve Program (CRP) is reducing erosion nationally by keeping approximately 467 million tons of soil annually on the 23 million acres contracted for the program, according to Wilson

Scaling, Chief of USDA's Soil Conservation Service (SCS).

"This represents about 16 percent of all the soil erosion that occurs each year on the nation's cultivated cropland," Scaling said. "When the program goal of retir-

ing 40-45 million acres is met by 1990, CRP should reduce erosion on all cultivated land by 25 percent."

Almost 1300 Pennsylvania farmers have enrolled 47,000 acres in the conservation reserve program. SCS State Conservationist James Olson reports that soil losses have been reduced by 848,260 tons per year. "Participation has varied by county but overall has not been up to levels expected," added Olson.

Texas and Kansas lead the nation in participation with 2.7 and 2.0 million acres enrolled respectively.

Land enrolled in the program is ineligible for cropping and must be planted with permanent vegetative cover or to trees.

According to USDA figures, the average erosion rate on the 22.9 million acres contracted in the

program will drop from 22 to 1.7 tons per acre.

"We're halfway toward our goal a year and a half after the program was authorized," said Scaling. "The program is working well. It is helping to battle erosion in areas where help is needed."

CRP is administered by the Agricultural Stabilization and Conservation Service (ASCS) with assistance from other USDA agencies such as SCS and the Forest Service.

Participants receive cost-share payments of up to 50 percent of the cost of establishing trees or grass on the acreage placed in the program. The average cost-share paid

by USDA is \$37.51 per acre. These monies partially reimburse the farmer for the one time cost of establishing the required cover and soil conservation practices on their cropland.

Farmers also receive annual rental payments for retiring their land through ten year contracts. The average rental paid to farmers who participated in the first five sign-up is \$48.40 per acre.

According to Olson, the next conservation reserve program sign-up period will be from February 1 to 9, 1988. Additional information on CRP can be obtained by contacting ASCS or SCS offices in your county.

Farmers Need Plan To Keep USDA Eligibility

LEESPORT — "Conservation Planning to meet the requirements of the 1985 Farm Bill is underway at the Leesport office of the Soil Conservation Service," reports Duane E. Pysher, District Conservationist.

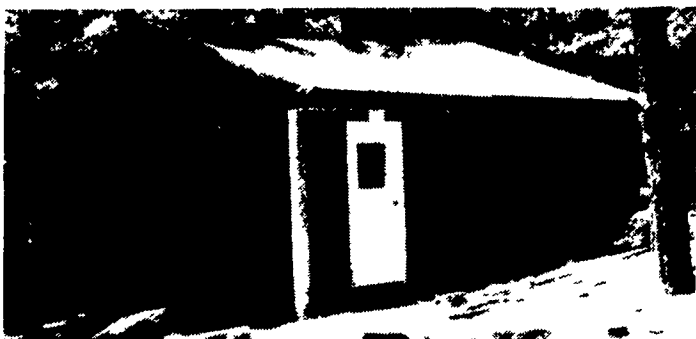
A conservation plan is required by 1/1/90 on all highly erodible lands, that a producer operates if he wants to remain eligible for certain USDA payment benefits. The conservation plan is a record of the producer's decisions as to what conservation practices he will use

to keep his soil loss within tolerable limits.

"Now that crops are harvested and before spring planting time is a good time to do conservation planning," adds Pysher. If you are one of these producers who could lose your USDA program eligibility because of not having a conservation plan contact the Soil Conservation Service office now to schedule that planning. The office is located at the Agricultural Center in Bern Township.

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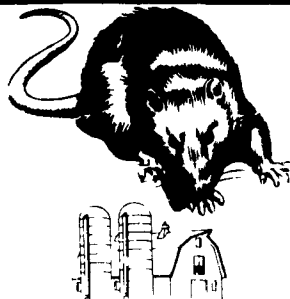
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	922 4WD w/cab	100	\$20,395
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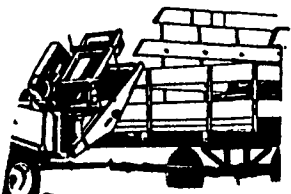
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Agriculture Adapts To Life In The City's Shadow

WASHINGTON — What part of the country has more than one-quarter of all farms, about one-fifth of harvested cropland and almost one-third of the total value of all agricultural production?

If the answer "metropolitan areas" surprises you, you're probably not alone. But some of the nation's most vibrant and valuable agriculture occurs in the city's shadow, according to agricultural economist Ralph E. Heimlich.

In an article in the 1987 Yearbook of Agriculture, "Our American Land," released today, Heimlich, with the U.S. Department of Agriculture's Economic Research Service, says agriculture is still an important land use in metropolitan areas. Only about 10 percent of metropolitan land use is actually urban; the remaining 90 percent is substantially farm and forest. Urbanization creates problems for farmers in getting along with their new neighbors, getting along without key support services such as feed, seed, and supply dealers, and putting up with higher property values. But agriculture in metropolitan areas has adapted to urbanization, Heimlich says in the chapter "Agriculture and Urban Areas in Perspective," resulting in smaller, more intensive operations growing high value crops and livestock. About three-fourths of nursery and greenhouse products, more than two-thirds of vegetables, fruits, and nuts, and almost three-fifths of roadside stands and farmers mark-

ets occur in metropolitan areas.

Urban farmers more often farm as a sideline or supplement farm income with work opportunities in nearby communities. Many urban farmers have converted proximity to urban centers from a liability to an asset by focusing on consumer demands for fresher, high-quality produce grown locally using organic or reduced-chemical techniques. Such crops often command premium prices.

Farming in the city's shadow is an unusually healthy part of our agricultural economy, Heimlich says. Threatened losses of rural land to urban uses, with resulting impacts on open space, water quality, and rural lifestyles, have prompted many states and localities to pass farmland retention legislation. Combined with competitive adaptation, this has allowed farming to continue in metropolitan areas and will ensure that agriculture continues as an important part of our metropolitan landscape.

But not everyone agrees.

Ralph Grossi, president of the American Farmland Trust, thinks the Nation should designate a long-term "production reserve" for its best urban fringe farmland. In another Yearbook article, "New Challenges of Farmland Conservation," Grossi says rapid growth in metropolitan areas poses a continuing threat of displacement to these farms which are responsible for one-third of all U.S. farm

production.

Grossi says a "production reserve" composed of the best urban fringe farmland similar to the conservation reserve established for the worse erodible land would keep this fertile agricultural land in farm production and assure that growth is accommodated on less productive land. "The sodbuster provision denies federal farm payments to producers who break new highly erodible ground," Grossi says. "The same principle applied to keep our primary urban fringe farmland in agriculture would result in closer scrutiny of government subsidies in the development of this land."

A good place to start, Grossi says, would be to strengthen the Farmland Protection Policy Act. Federal and state governments should compel agencies to find alternatives to government-sponsored or -funded construction projects that consume our best farmland. Local governments should take a close look at the comparative costs of sprawl and compact development and adjust property taxes accordingly.

"Then," he says, "if we really want to tackle subsidies, phasing out federal income tax deductions for mortgage interest paid on new houses built on primary farmland in the 'production reserve' might be considered."

Eliminating subsidies to indiscriminate development would help take the pressure off critical urban-fringe farmland, but would not by itself create a "production" reserve, Grossi says. For that, positive incentives, compensation for lost urban development opportunity, are needed. The incentive systems should be fair to landowners and affordable to the public. Every landowner who would have a realistic chance of selling farmland to

a development should have a shot at selling 'development rights' to the public instead. Finally, the public investment in the "production reserve" should be protected by appropriate local regulations, designed to prevent conflicts between agricultural and nonfarm land uses by keeping residential density low within the reserve.

The ultimate challenge, Grossi concludes, is to make agriculture more profitable to the farmer. "The more farmers can earn from cultivating the land, the more they will be able to resist subdividing it," he says. "Our production reserve," the best land next to the biggest markets, will offer them the opportunity to do that."



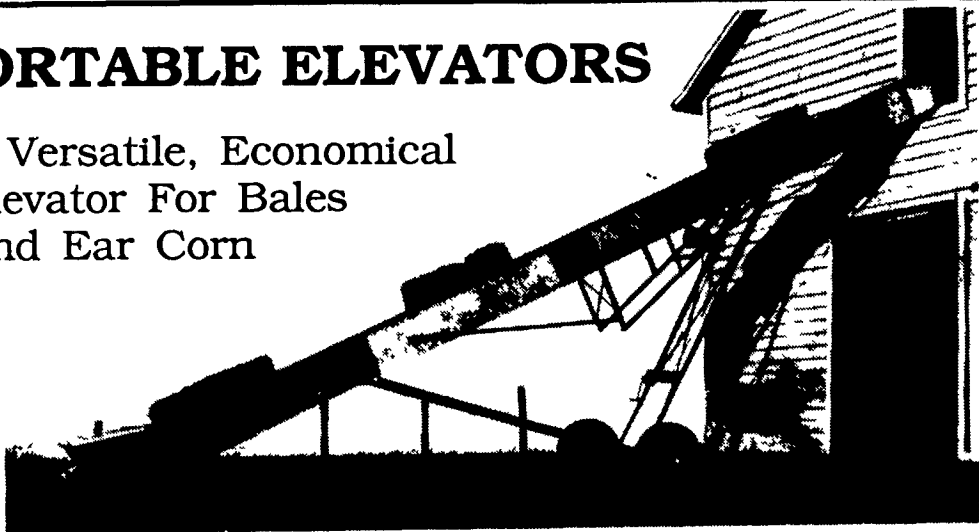
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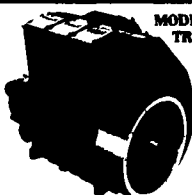


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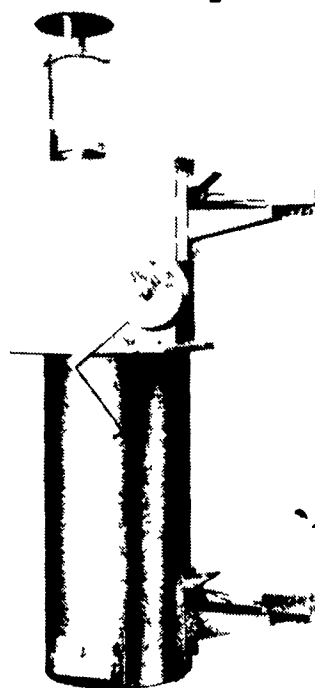
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cond, also other collars
Christ E Fisher, 1975A
Mine Rd, Paradise, Pa
17562 Lanc. Co

5 yr old thorobred mare,
good jumper Daniel B
Smucker, RD#1, 424 A
Peters Rd, Gordonville,
Pa 17529

25 ton Low Boy trailer good
cond, good tires Wanted
front mount snow plow
609-785-0301

400 tractor wide front 224
10 ton manure spreader,
1000 gal Mueller bulk tank
w/auto washer Kent Co
302-653-8795 after 7 p m

Calves 20 ea 300-500 lbs
Hereford polled 73¢ Way-
ne Co 717-676-3372

Firewood-ready cut or you
cut Chester Co
215-857-1303

Med. size Warm Morning
coal or wood stove, ideal for
small shop or room. David
Fisher, 3405 Old Philadel-
phia Pike, Ronks, Pa
17572.

JD B w/cult, 2 btm JD
plow, horse drawn mower
JD, Int. 430 baler, hydro
dump wagon, 17' throw
wagon 215-262-9781

JD 50 w/cultivator & sickle
bar mower, good cond,
\$1200 Snyder Co
717-658-4630

12 yr old carriage make,
traffic safe, sound wanted
Dump scale up to 300 lb.
min good cond Lanc Co
717-354-4768

1961 4x4 Willies jeep sta-
tion wagon w/windows all
around Lanc Co call after
4 30, 215-445-6841

1 AQHA yearling blue roan
gelding & a 2 yr old chest-
nut filly, both sound Berks
Co 717-933-8063

5 Angus feeder steers, 2
Angus heifers, also NH
1010 bale wagon, \$800
OBO after 7.30 p m Berks
Co 215-682-4478

NH #850 round baler,
\$1500.00, MF 165d,
\$1850 00, Myers 7' plow w/
lift, \$350 00, 1969 GMC
#6500 grain dump,
\$1750 00 215-944-7529

Van Dale S T 100 TMR
mixer w/scales, *no motor,
\$1,650 Lanc Co
717-665-5594 or 665-2906

Craftsman 12" bandsaw 45
degree tilt table, \$75,
Hampshire Ram, 2 1/2 yrs
old, Proven Father of many
twins, \$200 Lanc Co
215-286-5012

Delta table saw, 4" jointer;
IH 300 wheel wts. motors
(1, 1/4, 1/4) h.p, 1 h.p. well
motor, drill press stand, 8N
w/sickle bar, 10 h.p Koeh-
ler. 215-495-5470

Steer hay, \$1.00 & \$1.50
bale; 1973 GMC Suburban,
\$1,200. OBO, Hodaka
motorcycle, \$75.; top soil,
\$4/ton. Lebanon Co.
717-838-4610



Move silage . . . From silo to bunk quickly and reliably

A Patz feeding system is headed by the
unique Patz cutter-and-claw gathering
chain silo unloaders. Select the
surface-drive 98B or the ring drive RD-820.
The Patz gathering chain with chain saw
action cuts out frozen and hard-packed
silage for full-flow feeding.

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two-way delivery.

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The simplicity of design makes
maintenance simple and keeps the price
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systems...barn-to-storage-to-field manure-
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features rugged design for dependable per-
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and chain...ring-drive silo unloader... surface-
drive silo unloader... belt feeders... belt and

chain conveyors... liquid manure-handling
equipment. When you see them, you'll know
they were built by Patz!

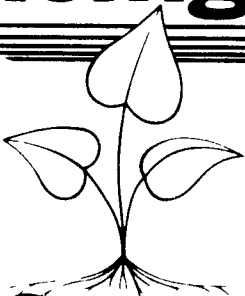
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BELLEVILLE MILLER-LAKE Inc. 717-935-2335					

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CHEMGRO 7087	23,500	22.7	175.8
Pioneer 3358	25,000	24.7	172.7
CHEMGRO 6086	28,000	20.3	169.7
CHEMGRO 7386	22,500	23.2	166.0
CHEMGRO 8986	25,000	26.1	163.3
CHEMGRO 9087	24,500	27.8	162.2
CHEMGRO 6386	24,000	21.3	158.0
Pioneer 3352	23,000	22.4	153.0
CHEMGRO 3387	24,000	18.4	126.4

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(4769)

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Biro meat saw, new poultry feed troughs, Lucknow snow blower rear mount 3 pt. hitch, almost new Dauphin. 717-566-0731

Jamesway manure carrier galvanized, approx. 100' track, good condition, \$195. or Best Offer. Lanc. Co 717-687-6395

62 series I N. T.D 6 crawler warm morning bucket a day, coal stove, good cond., \$250.00 Union Co Pa 717-922-4183

20 ton steel feed bin, \$950, or best offer Lanc Co 717-442-9138 or 717-442-4025

Int 430 baler, very good cond., 1 set new flotation baler wheels, choice of 2 working horses, 1 black, 6 yr old, 1 sorrel, 7 yr. old, both good workers John A Zook, 5549 Lincoln Hwy., Gap, Pa 17527

75 & 120 horsepower steam boilers w/coal stokers, good cond Somerset Co 814-629-6518 after 6 p.m.

36" snow blower for 8-10 or 12 H.P. wheel horse riding tractor, good cond., Hi-pressure Jenny Steam w/hose. Lanc Co 569-3879

Wheat pennies 1000 rolls \$115 roll, pre-1964 half dollars, (silver), \$4.25 each I'll ship to you Scott Winchester, Va 703-869-1187

McCormick 16x7 grain drill VG \$225, MH 7 PTO bar mower, good, \$125; IH 1066 cab/air excel, \$9,500 Berks Co. 215-944-9819

Dorset & Targhee rams, large purebred stock, also crossbred Finn Dorset ewes Chester Co Call 215-932-9395

Reg bay 2 1/2 yr 3/4 Arabian filly, 143 hands, green broke, nice disposition, Egyptian bloodlines, \$550 OBO, Berks Co 215-488-7145

78" GMC diesel PU w/cap 5 7L Mr Goodwrench, New injectors & pump, AC, PS, PB, AM-FM, very good cond., \$3400 or OBO Lehigh Co 215-298-2870

Oliver crawler tractor parts, 1971 Int 1 ton for parts, small dozer trailer Clearfield Co 814-236-2180

Very strong portable blocking chute used very little, \$200.00 Lanc Co Call after 5 p.m. 717-665-3196

Horses. large standardbred, ready to go Call in eve or Sat. Aaron Fisher, #896. 2 1/2 miles southeast of Strasburg. 613 Georgetown Rd., Ronks, Pa. 17572.

3 pt. cord saw, like new, 24" blade; 6'x10' enclosed trailer, white face calves; 10 week red, barred & white rock chicks. 717-244-0624

8 good beef heifers, 600 to 900 lbs 66 cents. Girton D-2 milk tank \$895, red yearling hens \$1.25. Huntingdon Co 717-483-6656

59 Shasta camper trailer, 16', gas stove, heater, ice box, TV antenna, water tank \$500. Berks Co 717-865-4024

Cutter bar mower to fit 317 garden tractor, JD, like new \$200 Lycoming Co 717-323-5615

Big standardbred carriage horse, smooth mouth, good for older couple David H Beiler, 435-A Centerville Rd., Gordonville, PA 17529.

New grandfather clock, walnut, German movement, moon dial, Westminster chimes, Lyre pendulum, 89" tall York & Adams Co. Line 717-432-4597

Cheviot sheep, 2 spring rams, one 4 yr old ewe Isaac S Fisher, N Soudersburg Rd, Gordonville, PA 17529 Lanc Co

1981 Pontiac Catalina 4-dr., 6-cyl., auto, cruise, air cond., AM-Fm, good rubber, clean inside & out, \$2495. York Co 717-252-1469

Surge dumping station w/ dryer, 6 Surge milker pails, excel., cond., \$600.00, Steuben Co. 607-225-4449

Top-line milk transfer system w/washer & hose dryer, was used w/vacuum tank, Leb Co 717-949-3461

Yorkshire boar & two bred, York-Cross sows Juniata Co. 717-694-3923, no Sunday calls please

AKC Cocker Spaniel puppies, 6 wks, blacks, white & black, white & red, champion, bloodlines, shots, wormed \$150 Dauphin Co 717-896-3065

1200 bu round wire corn crib has rods good cond., \$400.00, Cumber-Lanc Co 717-532-6146

6 red pullets, 3 white lay green eggs, \$3.50, bright wheat straw, \$1.25 bale Perry Co 717-834-3401, eves, weekends

NI 323 corn picker, excellent condition, \$1,650 Lanc. Co 717-664-2430

60,000 BTU L.B. white room heater, \$100 Lanc Co. 717-859-2409

Golden Comet Pullet, lay brown eggs, \$2.85 each Lanc. Co 717-733-6697

Antique #4 Geiser wooden box thrashing machine, \$350. Franklin, WVA 304-358-2683

Country Craftsman spinning wheel, instructions & wool rolass, \$225 Postpaid Carol Stearns, 440 Mansfield City Rd., Storrs, CT. 06238 203-423-6881

9 yr old Standardbred Trotter Pacer, traffic safe, sound, \$700 Lanc 717-627-1483

Large barn, garage, house, contents at sellers disposal to 12/20/87 New owner will destroy remainder Extension possible. Wayne Co 717-698-5367

Sweet corn silage. York Co 717-993-6559

Drott loader for Int TD6 complete w/hydraulics & rear weights. Make Offer J.Y. Esh, RD3, Box 223, Mechanicsville, MD 20659

Greenhouse growing range 20,000 ft glass, 10,000 ft plastic, 30'x64' storage, new boiler, heat curtains, 5 acres, good location. Luzerne Co 717-675-4374

Myers Ejecto deep well pump, Goulds shallow well, complete Amos J King, 3527 W Newport Rd, Ronks, PA 17572 (Intercoarse).

2000 roof slate 12"x24" located at Willow Street, P.A. Lanc Co 717-464-4700 ask for Don

Farmall H on steel w/pulley, good condition, \$900, 1530 Uni loader, \$2,000 or Best Offer Franklin Co 717-532-3989

AKC West Highland Terrier, male pup, order now for Christmas, \$175 Also box spring & mattress, like new Lanc Co 215-445-5969

Oliver 1950 w/4-53 Detroit dsl, excellent condition Lanc Co 215-445-4978 or 215-445-6156

Antique 1928 Caterpillar 2Ton crawler and 1935 Cat Model 22. Also JD Lindeman crawler Salem Co 609-358-7468

1950 Dodge sedan, garage kept, 1892, 2-lid caboose stove, good shape, Lowery Lincolnwood deluxe organ, orchestra \$225 Carbon Co 215-877-3054

10x50 Buddy mobile home. Will make good cabin or starter home. 4550. Lanc Co. 215-273-2620.

Farmmaster mixer portable 110 bushel, bar scales, loading conveyor, unloading auger TD14, good TD14A, parts. Carbon 717-386-5696.

IH 227 corn head \$100; 4 Westalia separator pulsators (1 for parts) \$125. Warren Co., NJ. 201-459-4771

Ferguson tractor, nice, EC, 3 pt. hydra lift, wood saw, hay wagon, planter, manure spreader, 7' disk, cattle, hay rack, 50 Ford PU, timothy mix hay 215-346-7410.

PTO pulley for Ford tractor Model 961. Will fit other models. \$75. Cecil Co 301-658-2022.

Two seated pony wagon w/ pole and shafts \$850, single seat Pony sleigh \$350, horse bobsleigh \$400. Lanc Co. 717-569-5150.

Blower for forge with controls adjustable speeds \$75 Lanc Co 717-285-4293

Gang mower detachable three section in good shape Buy before the cutting season \$175 Won't last long. Chester Co 215-383-6825.

MF 65 gas w/Sauder loader, new tires; MF 90 gas, new rear rubber, Kasco 7 tooth chisel plow. Oley Berks Co. 215-779-5605.

AKC Doberman pup, 17 wks old, brown & rust, shots, wormed, ears cropped \$125. Lanc Co 717-687-6267.

NH 46 haybine \$875, 3,000 Ford dsl tractor, very good \$3875; NH 451, 3PT mower \$975; NI 206 man. spreader & 17 & 12A \$825 each; NH 36 flail chopper \$500 717-354-0266

Airplane propeller fan with PTO mounted on wheels with hitch I.L. Fisher, 80 BN Soudersburg Rd, Gordonville, PA 17529.

24" sawmill planer 4 sided, \$2,400, 30" cordwood saw, 10 h.p., 220V, \$850, 100 h.p. 3 phase motor; \$750, 1970 Van, \$500 Northumberland Co 717-286-5306

Universal 55,000 80,000 BTU portable propane heater, \$225 OBO IH 550 chopper w/pickup 2RW Make Offer Franklin Co 717-328-2336

Pickup tool box, good condition, with locks Samoyed breeders, male and females. 717-354-2075 evening or early morning.

JD AW 12' disc, good condition, \$750. Offer. Int 449 4 row corn planter, fiberglass fert. hoppers 717-866-4185

David Bradley hammer mill, \$100.; Thermo control wood burner, large size, \$195. Luz. Co. 717-675-1276 after 5 p.m.

Alfalfa Hay, 100 bales of 2nd & 3rd cuttings, \$2.00 per bale. Lanc Co 215-484-2104 after 5 p.m.

Dry broiler manure, \$8.50 per ton. Franklin Co., James Leid. 717-532-9234

Douglas Fir Christmas trees, wholesale only, 6', \$14.50 sold in lots of 50 717-866-4185

'66 Dodge 3/4 ton truck, \$275/OBO, Belt feeder & conveyor, \$450; Grimm hay tedder for parts, \$160 717-569-9328

Farm cart, flat, steel wheels, deck, 4"x8", \$125 Lanc. 717-687-7386

Reg. Polled Hereford heifer, birth 2/87, Sire Vindicator, \$600 Offer. Two Polled Hereford steers, 500 lb weights 717-866-4185

SHEEP. Purebred Polypay and Dorset/Ramb. cross ewes 80 to choose from or entire flock. Must Sell. Lanc Co 215-484-2250

MAILBOX MARKET WANTED

JD 420 or 430 tractor, 5 spd, live PTO, good condition, priced under \$2,500. Central VA 703-672-5388 Evenings.

Chev. or GMC 26,000 to 28,500 GVW, 135 CA w/or without 18' flatbed, must be excellent shape, prefer gas engine, 5 & 2 rear 215-286-5434 after 6 p.m.

Sorrel mule, 14 hands, rides & drives, no vices, sound, traffic safe, to teach grandchildren. Carbon Co 717-325-2412

Ford 104 cu in V4 engine, good running order or info where to locate same. Westmoreland Co Call Collect 412-423-5691

Good used brooder house for 50 pullets or more, price must be very reasonable Write: Israel F. Stoltzfus, RD1, Box 327, Throne Rd, Fawn Grove, Pa 17321

MAILBOX MARKET WANTED

Sheet metal tools & machine's brakes, shears, rolls, etc. York Co 717-792-9282

Would like to trade Chev. 15" truck rim for Ford 15" truck rim. Lanc Co 717-653-2753

Cast iron hot water radiator, size 12"x32"x48", little over or under is OK. Lanc. Co. 717-354-0009 Evenings after 5:00

Hog scales. Dauphin Co. 717-944-3582 or 566-0008

Registered Beagle female puppy. Columbia Co 717-799-5521

LP gas tank, 1,000 gal or 500 gal Perry Co 717-536-3457

Someone to remove two useable corn cribs, one wire and one wood. Exchange for labor. Chester Co 215-383-9583

Tew fruit or vegetable washer with or without grader. Bucks 215-257-9286 Evenings.

Set of small brass sleigh bells for driving pony. Reasonably priced. Montg. Co. 215-754-6583

Steel wheels 58" or 60" high, 14" or 16" wide also for sale. York Boar Service age. 717-354-6405

Attention Chester Co. Farmers: Andersen family trust will buy all or part of your farm & let you continue farming. Call 215-431-3732

Cornfield 4-6 acres in Peach Bottom Area for fruit growing. Call 301-658-2706 leaving message. Cecil Co., Md.

Wanted small or large full or partially planted Christmas tree farm within 2 hrs of Allentown, Pa or call 215-345-0946

Female llamas, call collect Ct. 203-564-2579

Fresh or springing cows or trade tractor for cows. Lanc Co 717-687-6648

Ford plow, model 130 3 btm. 14" Cat II 3 pt. hitch fully mounted main frame 4 1/4 "x7"x85". Sunnybrook Nursery. Gloucester Co 609-769-1315



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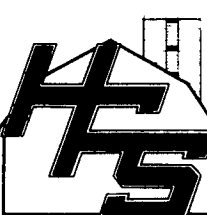
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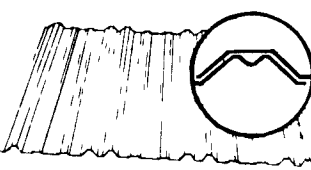


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MAILBOX MARKET WANTED

Good used thickness planer at least 12" width, single phase, reasonably priced. Carroll Co., Md. J.J. Kastigar 301-848-9394.

Set of gang mowers at least 10' to 12', good condition only. Chester Co 1-215 274-8435

Snow blower for 18 HP wheel horse Monmouth Co. N.J. Call 201-566-3457

Skid steer loader. Prefer Case or NH 28-50 HP. Must be in good cond. 458-6234, 458-6526

Will buy 100+ cords of seasoned firewood, need immediately. 703-668-6292

1500 gallon bulk tank w/free heater. Bradford Co 717-596-2454

Elec. start 110V, 2000W generator, can need engine repairs. Lanc 717-687-7386

4-15" Ford rims 3 1/2" center 5 bolt trade, 8 Dodge rims 15" Wanted 1958 Chev Impala Berks Co 215-285-6313 after 9 p.m.

Disk brake assembly for Oliver 66 plow 5x18". Dauphin Co. 717-564-1328.

15A to 100A+ farm near Carlisle or Mechanicsburg area. No realtors please. Also need used Cub Cadet Adams Co 717-334-1824

Two pony work harnesses Perry Co 717-582-4479.

Trailer loads of firewood. Must be seasoned & split. Bucks Co Anytime (215) 968-4561. You truck or I will truck

Redwood patio furniture, good cond., reasonable price. Lanc Berks Co Line 215-678-4168

2 acres of land suitable for a trailer. Wooded or partial wooded in the 717-284 telephone area. Priced fair. Lancaster Co Call 717-284-2701.

Structo toy trucks, any condition, also farm toys. Martin Rishel, RD#1 Box 82, Spring Mills, Pa 16875. 814-364-9333 or 814-238-4957

Farmall B or B-N equipment, plows, disk, cultivators, side bar mower, others. Prince William Co., Va. Rod 703-754-2183

Delaval double six herring-bone milking parlor. Parts or all accessories. Must be in good cond. Franklin Co 717-263-4860

Used DeLaval milker buckets 65 lb Aarn F Beiler, Box 584, New Holland #3, Pa 17557

Cub Cadet 2 stage 45" snowthrower, tire chains to fit 23 10.5x12, Trac Vac lawn vacuum Monmouth Co., NJ 609-259-7492

Good used wire welder. Lanc 717-627-1483

Bandsaw sawmill, good used unit for immediate use. G Davis, 142 Lake St., Penn Yan, NY 14527 716-536-6678

Heifers to feed this winter. Hay, silage, grain available. Gideon Beiler, 115 Horseshoe Rd., Leola, Pa 17540

(2) white three track aluminum storm sash. Lebanon Co 717-933-4828

MAILBOX MARKET NOTICE

AKC Golden Retriever stud service. Lanc. Co 717-733-3438

Sale Reports

A Public Sale of cattle and farm machinery was held November 14 by Harvey Z. and Mabel Z. Zimmerman, 2 miles south of New Berlin and 8 miles north of Selinsgrove, Snyder Co., Pa. It was a very good sale with 147 registered bidders.

The 10 grade Holstein milk cows sold for an average of \$922.50. Other prices were as follows: J.D. 10-10 Crawler-loader \$7800, J.D. 20-30 diesel tractor on steel \$4200, N.H. 510 manure spreader \$775, Int. 46 baler w/throwers \$275, Int. grinder-mixer \$600,

J.D. 4-row corn planter \$475, 16 ft. bale wagon \$675, 2-wheel trotting cart \$100, Int. #14 rake \$200, 10 ft. spring tooth harrow \$180, mixed hay \$1 & \$1.05 per bale and straw .90¢ per bale.

Earl Eash and Bill Mattern were the auctioneers.

XXX

A Public Auction of tractors and trucks was held November 14 for the Horace Edward Kelly, Jr. Estate, 5 miles south of Pocomoke, Maryland.

Some prices received were: A.C. CA tractor \$1100, M.F. 65 tractor \$2175, Ford 800 tractor \$2225, Case 830 tractor \$1950, Int. 826 tractor \$2975, Case 1494 tractor \$15,500, Ford 7610 tractor \$10,050, Int. 986 tractor \$9200, Case 2090 tractor \$9600,

Fork lift \$3950, '76 Tri Ford F600 \$3500, 1970 Int. 1700 \$3000, 1961 Chev. 10 wheeler \$1800, 1974 Ford F700 \$4100, 1986 Chev. C15 pickup \$7500, 1984 Dodge D100 pickup \$5700, 5 ft. Hardy rotary cutter \$425, Int. Hydro-fold disc \$6000, J.D. 6-row rotary hoe \$825, Ferguson 13 ft. chisel plow \$800, Ferguson ditcher \$350, A.C. old style 11-row planter \$2000, Ferguson 10 ft. chisel plow \$575, J.D. shredder \$3125 and Wesco 6-row cultivator \$810.

Pete Richardson Auction Sales managed the sale.

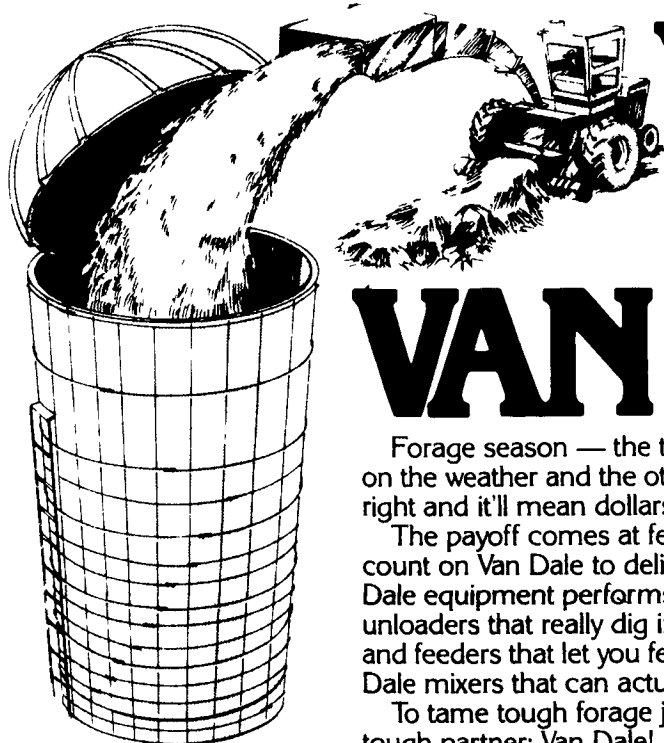
XXX

A Public Auction of farm equipment was held November 14 by Mr. and Mrs. Ed Rishel, 1 mile east of Glen Rock, York Co., Pa. A large crowd attended the sale with 266 registered bidders present.

Some prices included: portable cattle scales \$2050, grooming stand \$210, calf feeder \$290, N.I. roto-bar rake \$700, J.D. KBA disc \$325, Brillion culti-packer \$280, M.H. 82 self-prop. combine w/ grain head only \$1650, Farmall Super C \$690, Farmall 560 D \$3300, Farmall H tractor \$1000, Int. #8 flail chopper \$2500, Horn loader for Farmall H \$1150, snow bucket \$50, "V" snow plow \$190, snow blade \$130, Grove dump wagon \$800, Grove forage wagon \$1400, N.H. #474 haybine \$4750, Fox 1-row corn harvester \$750, N.H. 32 ft. elevator \$650, N.I. 2-row 6A corn picker \$1000, J.D. trailer sprayer \$300 and N.H. #269 baler w/super sweep \$2100, and hay \$1.40 to \$1.65 per bale.

Blaine N. Rentzel was the auctioneer.

It takes performance to tame today's tough forage jobs:



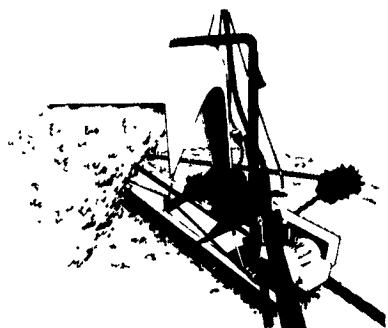
YOU & VAN DALE.

Forage season — the time of year when you've got one eye on the weather and the other on your crop. Time everything just right and it'll mean dollars in your pocket later on.

The payoff comes at feeding time, and that's when you can count on Van Dale to deliver quality forage to your herd. Van Dale equipment performs when you need it to...Van Dale silo unloaders that really dig in, even at -20°F; Van Dale conveyors and feeders that let you feed more animals in less time; and Van Dale mixers that can actually improve the value of your ration.

To tame tough forage jobs on your farm, team up with a tough partner: Van Dale!

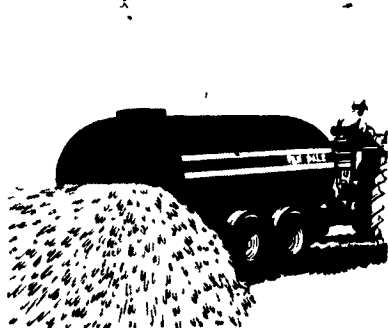
Performance for tough silo-unloading jobs:



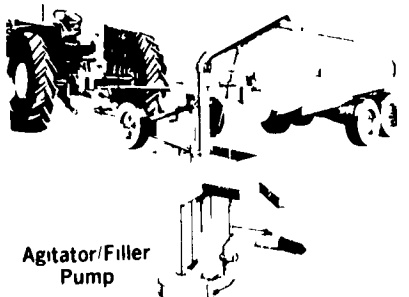
Performance for tough ration-building jobs:



Performance for tough manure-handling jobs:



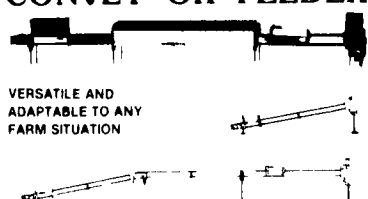
Performance for tough manure pumping jobs:



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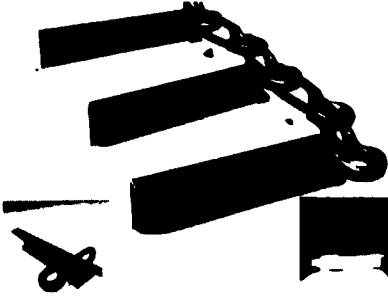
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VERSATILE AND ADAPTABLE TO ANY FARM SITUATION

Performance for tough barn cleaning jobs:



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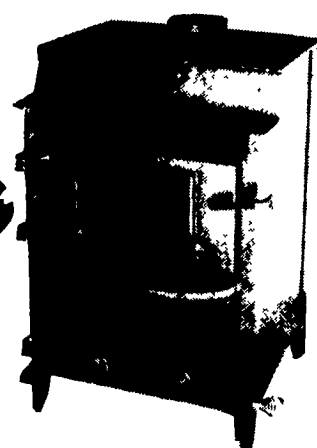
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MANY MODELS TO CHOOSE FROM - COME SEE!

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Sale Reports

A Benefit Auction for Mellinger's Mennonite Church Building Fund was held Nov. 11 at Good 'n Plenty Restaurant on Route 896 south of Smoketown, Lanc. Co., Pa.

Some prices were as follows: old quilts \$1300 & \$1400, 1837 wool coverlet of Lampeter Square \$2900, Kerosene light from church \$1050, settee \$1400, slant top desk \$800, Hubley toy tractor \$390, Toro snowblower \$425, trip on Chesapeake \$900, tractor-trailer load of "chip" potatoes \$3900, silver dollars \$20 to \$40 each, half dollars \$10 to \$20 each and 2 1/2 dollar gold piece \$700.

Miller and Seigrist were the auctioneers.

XXX

A Public Auction of real estate, furniture, tools and guns was held November 14 for the William Wascher Estate, southwest of York on New Salem Road, York Co., Pa. There were 210 registered bidders and the sale lasted until 5:15 p.m. and will be continued on Nov. 27th.

The 1 1/2 story frame house, garage and shed was sold for \$36,500 and was on a 120 ft. by 180 ft. lot.

Other prices were: jugs \$25 to \$80, wooden

planes \$17 & \$20, rocker \$25, marble top dresser \$190, blanket chest \$275, smoking stand \$30, bow front china closet \$400, stacked bookcases \$120, dry sink \$475, Texas secretary \$390, Win. 22 pump gun \$220, Springfield 45-70 rifle \$85, 1884 trip door rifle \$260, 1906 sword \$145, German Luger \$500, 2 Roseville vases \$30 each, slaw board \$135, ice cream scoop \$30 and carnival bowl \$290.

Rentzel's Auction Service conducted the sale.

XXX

A Public Sale of antiques and household goods was held November 14 by the heirs of the Bear's in the village of Oregon, 269 Creek Road, 6 miles north of Lancaster, Pa. 375 registered bidders attended the late Carson Bear sale.

Some prices included: pine Dutch cupboard w/original paint \$7200, 1849 Fralish show towel in extra fine condition \$6800, Hepplewhite secretary desk \$5300, comb-grained light table \$3450, cradle \$1125, slat-back settee \$1075, schoolmaster's desk \$1050, highback grained jelly cupboard \$800, toy iron horse and wagon \$800, wardrobe \$725, meat chopper \$650, pull toy \$500,

mantle clock \$500 and washstand \$475.

Sale conducted by T. Glenn Horst, Timothy G. Horst and Thomas A. Horst.

XXX

A Public Auction of a 123 acre dairy farm with a stone home was held November 14 by Willie B. and Anna S. Fisher, east of Catawissa on Route 42.

The 123 acre farm was sold for \$150,000 to Melvin R. and Beulah M. Rohrer, 642 Robert Fulton Highway, Quarryville, Pa. It contained 2 large ponds, a silo and 2 bank barns.

Sanford G. Leaman was the auctioneer.

XXX

A Public Auction of a dairy herd and milk equipment was held November 13 by Sam and Carol McNichol, R.D. 2, Bellefonte, Pa. in Centre County. It was a good sale.

The 43 head of grade Holstein cows averaged \$824 and the top cow sold for \$1225, the second high was \$1200 and the third high was \$1175.

Other prices were the Mueller 1000 gal. bulk tank for \$7200 and the University heavy duty pump \$450.

Mark Glick was the auctioneer.

XXX

A Public Sale of real estate was held November 2 by Christ Z. and Fannie King, 2 miles northwest of Intercourse along Newport Rd., Lancaster Co., Pa.

The 2 1/2 story house,

2 story barn with horse stable and a work shop area was sold for \$91,000 to Amos S. King, Jr., R.D., Gordonville, Pa.

XXX

A Public Auction of real estate was held November 14 by the Lancaster Co. Agricultural Preserve Board, between Mount Joy and Marietta in East Donegal Twp., Lancaster Co., Pa.

The 72.7 acre limestone farm had been bought by the county and a perpetual restriction was written into the deed, meaning that the land will be in farming forever. It was purchased from a retiring couple for about \$500 an acre less than the \$3094.91 for which it was sold on Nov. 14th.

Christian Fisher of Ronks purchased the farm for \$225,000 and his son John L. will move on it in the Spring. It included a 2 story frame dwelling, large solid frame and stone bank barn, frame equipment shed and other outbuildings.

Roy C. Probst and Eric R. Probst were the auctioneers.

XXX

A Public Auction of antiques was held November 12 for the estate of Ernest W. Swavely, Mrs. Dorothy Ledger and Ann Edwards at the Alderfer Auction Center, 501 Fairgrounds Rd., Hatfield, Pa.

Some prices were: decorated crock (spout missing) \$425, Civil War hat (Union) \$100, Civil War plaque \$140, 9 pocket watches \$50 to \$180 each, decorated blanket chest \$5800, B.J. Cooke's Sons Phi-

la. grandfather clock \$1800, 3 pc. oak bedroom suite \$4350 and 2 toy chest iron horse & fire wagons \$285 & \$225.

Alderfer Auction Company conducted the sale.

XXX

A Public Auction of new, used and collectable guns were sold November 6 at the Virgenville Fire Hall off Rt. 143 between Lenhartsville and Moselem

Springs, Berks Co., Pa. Some outstanding prices were: Percussion 2 bbl. mussel loader "I.L. Beck" \$1600, matched pair Colt 45 cal. Alamo Model single action pistols \$1000, Waffenfabric-Mauser (broom handle) w/case \$1300, 36 cal. Flintlock signed "L. Gansel" #32 \$650, Win. Model 1200 12 ga. riot gun \$150, Riverside field Model 12 ga. dbl. bbl. shot gun \$400, L.C. Smith 12 ga. double bar-

rel gun \$575, Bicentennial 76 Winchester 30-30 cal. model 94 \$425, NRA Winchester 30-30 Model 94 Centennial musket \$275, 3 Winchester Model 73 38 cal. rifles \$1550, Walter 9 mm P38 pistol \$525, 1921 Mercury dime \$250, 1921 D Mercury dime \$260, 1895 \$20 gold piece \$625 and 1924 \$20 gold piece \$670.

Dennis F. Wagner was the auctioneer.

XXX

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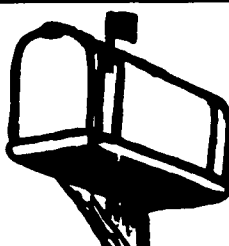
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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market **MUST** use this form with mailing label attached and will be governed by the following rules:
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Sale Reports

A Public Auction of a 12 acre limestone farm was held November 9 by Phares W. and Anna Mae Hurst, between Brownstown and Leola, Lancaster County, Pa. The property was sold for the outstanding price of \$6195 per acre or \$446,000 to John J.

Beiler, Brethren Church Road, Leola, Pa. who is a neighbor.

It included a 2 1/2 story stone house dated 1831, a large bank barn, tobacco shed, corn barn, 2 silos and an orchard. J & P Auctions conducted the sale.

PUBLIC AUCTION

FNE ANTIQUES- HOUSEHOLD- GLASSWARE- GUNS- COINS- ORIENTAL RUGS

To be held at REDDING AUCTION SERVICE located taking Route 34, 1/2 mile North of Gettysburg, bear right at Y (at car wash) and continue 2 miles on Table Rock Road to auction site - on

WEDNESDAY, NOV. 25
-5:00 P.M.

This sale includes very nice personal property from the former home of MR. & MRS. EARL R. DEWEES- Hanover, PA.

Fine pad foot country Queen Anne softwood stand w/dovetailed drawer; VN walnut carved high-back bed w/matching marble top dresser w/mirror; two over three cherry Hepplewhite chest of drawers; other nice walnut, cherry & softwood furniture pieces; nice Oriental rugs including room size & asstd. runners; coins include: 1882, 1901 & 1907 five dollar gold pieces; other asstd. coins; approx. 20 guns - most modern rifles & shotguns; nice lot glassware and small antique items; many other items.

Sale Inspection: Tuesday, November 24 - 5:00-8:00 P.M.

Terms: Cash
C. David Redding-Auctioneer
PA License No. 742-L

PUBLIC AUCTION

At Rudnick's Sales, Route 213, Galena, MD.
SATURDAY, NOV. 28, 1987
AT 10:00 A.M.

Fine furniture and antiques from local estates and a collection from Rehoboth Beach, featuring: Hepplewhite shaving mirror, Hepplewhite inlaid lap desk, country wash stand, American Chippendale chest, Windsor style arm chair, cherry 4 poster bed w/canopy, oak Larkins desk, ice cream chairs, victrola, round wicker table, marble top wash stand, spindle settee, victorian secretary (Balto), mahogany spice cabinet, federal mirrors, banjo clock, victorian corner what-not cabinet, oak wash stand, oak double drop leaf table, Hepplewhite 3 glass door book case, oak ladies desk, Empire chest w/secret drawer, oak dresser and mirror, umbrella stand, walnut round table w/turned legs, wicker rocker and magazine rack, sterling serving pieces, blue willow china, 5 pc. dresser set, Heisey glass, signed Hawkes crystal, Lennox china, Haviland luncheon & dinner sets, Haviland 3 pc. tea set, Belleek china, Nippon, tea ball spoons, etc., 7 framed pictures of supreme court justices, paintings by Miller of Wilmington, a fine selection of oriental rugs - throw, 4'x6', 6'x9' room size. Hand made wool rug "Arraiolos" course weave approx. 23'x12'7".

JEWELRY: 14K gold sapphire & diamond bracelet, 14K gold emerald & diamond ring, 14K gold ruby & diamond ring, 14K gold necklace & drop w/rubies and diamonds, 18K gold filligree ring, 14K gold man's ring, International sterling 8 place setting "Wild Rose."

Our next sale will be Saturday, Dec. 12, 1987. There will be no sale Saturday, Dec. 26, 1987.

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, Md. 21635
Phone: 301-648-5601

XXX

A Public Auction of dolls and toys was held November 7 at the Paradise Fire Hall, Route 30 East. There were over 100 people in attendance.

Some prices received were: advertising baby doll in a basket \$535, set of 6 Britain soldiers \$170, child's desk \$80, 2 Ford-Hubley plastic model cars \$30 & \$25, doll \$170, child's stove \$60, bisque baby doll \$175, Madame Alexander doll \$120, wax doll \$170, AM 30200 bisque doll \$200, Daisy BB gun \$45, cast iron car \$62.50, Fisher-Price wooden wagon \$30, Bell Telephone toy truck \$70, plastic tea set \$50, tin tank \$42.50, set of toy train street lights \$35, Buck Rogers tin gun \$50, Gene Autrey gun \$47.50; 1 1/2" lead miniatures were also sold and included: a sleigh \$22, Santa \$27, 3 soldiers \$52.50, cow, stool and girl \$47.50, blacksmith and anvil \$50 and 2 soldiers bearing a soldier and stretcher \$22.

The auctioneers were Gordon Ressler, Sam B. Stoltzfus and Ron Funk.

XXX

A Public Auction of vehicles and garage equipment was held November 7 by Harold G. Hogg in Atglen, Pa. behind the Atglen Fire Hall. Interested bidders attended from Philadelphia, Allentown, York, Maryland, Delaware and New Jersey.

Some prices were: 1950 Ford 1/2 ton V8 truck \$4700, 1968 Mustang \$2100, car manuals \$10 to \$27 each, carburetors \$42.50, Ford display sign \$150, parts washer \$140, floor jacks \$140 & \$150, gear pullers \$55, set of reamers \$50, old metal press \$160.

Ira and Dale Stoltzfus were the auctioneers.

XXX

A Public Auction of farm equipment and household goods was held November 7 by Moses N. and Lizzie Mae Good, southwest of Salunga on Pinkerton Rd., Lancaster Co., Pa. There were 403 registered bidders at the sale.

PUBLIC SALE

OF
TRACTORS, COMBINE & FARM MACHINERY

Location: From Rt. 50 at Easton, Md. take Rd. 328 at Elliott Equipment, the Easton Denton road east app. 1 mile, first farm on left. (Signs Posted.)

SAT., NOVEMBER 28, 1987
11:00 A.M.

International 4786 four wheel drive diesel tractor w/duals, 20.8x38 tires, 3 hyd. outlets, air, radio, 2162 hrs., Inter. 886 diesel tractor w/cab, T/A, air, radio, 18.4x38 tires, duals, 3060 hrs., Inter. 86 Hydro diesel tractor, 15.5x38 tires, 2372 hrs., Inter. #2250 hyd. loader, Inter. #800 10x18" on-land plow w/midwest harrow attach., Inter. #720 7x16" on-land plow w/midwest harrow attach., Brillion 14' pull-type chisel plow, Inter. #490 25' hyd. fold disc w/midwest harrow attach., M.F. #820 21' hyd. fold disc, Brillion 23' hyd. fold crowsfoot packer, Brillion 23' hyd. fold solid wheel packer, McKee 22' field cultivator hyd. fold w/midwest harrow attach., J.D. 7000 8x30" planter, fert. attach., insect. attach, no-till coulters, monitor, and Etherell transport kit, Inter. #510 18 spout grain drill, Brillion 8x30 hyd. fold cultivator vibra shank, M.F. #440 8x30 hyd. fold cultivator, Inter. 6 row 3 p.h. rotary hoe, Hinson #812 grain cart, 450 bu. front auger., Amco model BD2-18 pto. 3 p.h. ditcher, Taylor-Way model 500162 3 p.h. ditcher, Woods model 72 3 p.h. rotary mower, Caldwell 6' 3 p.h. scraper blade, Bush Hog model 160 4 row stalk cutter, Century 125 gal. sprayer 3 p.h. cent. pump, 12' 3 p.h. tract eliminator vibra shank, rolling basket attach., Inter. 1440 Axial-Flow combine w/#820 grain table 16 1/2' cut, 23.1x26 tires w/15x26 bolt on duals, 1984 hrs., International #863 cornhead 6x30, M.F. #63C. 6x30 cornhead.

TERMS: Cash or Approved Check day of sale.

This machinery has been shed kept, serviced on a regular basis, a very clean line of equipment. Be on time, no small items, start right with machinery.

OWNER:
FRANK FOREMAN & SONS

Sales Mgr. & Auctioneer
Joseph C. O'Neal
302-875-5261

Some prices included: \$2 1/4 gold piece \$330, milk bottles \$10 to \$48 each, Winchester model 1200 \$225, Fry 5-prong wooden fork \$140, washstand \$430, settee \$600, dry sink \$975, cherry hutch cupboard \$975, M.F. 175 tractor \$4050, N.H. spreader \$1050, Ford 9N tractor \$1200, I.H. 574 D tractor w/loader \$5825, field cultivator \$1400, sprayer \$1275, I.H. #400 corn planter \$1100, N.H. 469 haybine \$2200, J.D. 660 rake \$1000 and wooden wheelbarrow \$190.

J & P Auctions conducted the sale.

XXX

A Public Sale of antiques and household goods was held November 7 by Mrs. Mary Hake, 383 Valley Rd., Etter, Pa. There were 231 registered bidders at the sale.

Some prices received were: oak bed \$205, oak dresser \$105, oak veneer chest of drawers \$185, slant-lid desk \$150, oak extension table \$320, 2 cane-bottom chairs \$90, oak chair \$60, Wellmore & Co. player piano \$290, piano stool \$50, camel-back trunk \$115, Pfaltz-graff York 2 gal. jug

(broken) \$325, crocks \$7 to \$35 each, oil lamp \$85, E.S. & B. crock \$130, doll bed \$50, New Haven shelf clock \$230, towel rack \$25, dinner bell \$230, butcher knives \$4 to \$17 each, quilt top \$85 and 300 board feet walnut \$337.

Little Ike Eichelberger was the auctioneer.

XXX

A Public Auction of antiques and household items was held November 7 for the estate of Naomi Stahle, north of Mt. Washington Church, Conewago Twp., York County, Pa.

Some prices were: butcher kettle \$250, wringer wash machine \$200, blanket chest \$900, dry sinks \$450 & \$625, 2 oak dressers \$350 each, oak bed \$275, anvil \$200, crocks up to \$40 each, slant-top desk \$525 and side-board w/mirror \$375.

Blaine N. Rentzel was the auctioneer.

XXX

A Public Sale of real estate and antiques was held November 7 for the Harry G. Brubaker, Sr. Estate, 340 Clay School Rd., Clay Township, Lanc. Co., Pa. There were 330 registered bidders at the sale.

The brick ranch-type dwelling with an

attached 2-car garage was sold to Aaron K. Martin, Ephrata, for \$91,200.

Other items sold were: oak rolltop desk \$1800, 3 pc. oak bedroom suite \$410, 2 pc. cherry bedroom suite \$300, 2 pc. livingroom suite \$205, pedestal table \$135, jelly cupboard \$125, cedar chest \$105, china toy \$85, stoneware jug \$75, depression glass cookie jar \$47.50, iron bulldog \$65, 1910 \$5 gold piece \$430, and cookie cutters \$35 to \$60.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

XXX

A Public Auction of real estate was held November 7 for the Farmers Home Administration, west of Annville in North Londonberry Twp., Lebanon Co., Pa.

The 52 acre modern dairy farm was sold to Clarence E. and Barbara J. Starner II, for \$130,000. It included 30 acres of tillable limestone soil, woodland and some pasture. The dairy barn has 48 comfort stalls, barn cleaner, lagoon and a concrete stave silo. The house is a stone and log building.

Fifty people attended the sale including five active bidders.

Sanford G. Leaman Auction Service conducted the sale.

XXX

A Public Auction of real estate was held November 7 for J.D.'s Twin Springs Farm, Inc., R.D. 1, Box 403, Christiana, Pa.

The 103 acre horse farm was sold to John Ducharme, 467 Creek Road, Christiana for \$367,000 and it included a 1/2 mile track, 2 acre pond, 2 1/2 story log home with aluminum siding, 1 story concrete block barn, 2 1/2 story frame bank barn and other outbuildings.

The sale was conducted by J. Omar Landis Auction Service and Jay M. Witman.

XXX

A Public Auction of real estate and personal property was held November 7 by William G. Musser, east of Bowmansville, off Maple Grove Road, Lancaster Co., Pa. There were 303 registered bidders at the sale.

The 31.7 acre farm was sold for \$175,000 to Gene Matlack and it included a sandstone and log house and it has a spring-fed water supply.

Other prices were: safe \$800, Harrington & Richardson .410 shotgun \$450, 30.06 Mauser \$300, F.H. Cowden jug \$235 and an antique quilt \$610.

The sale was conducted by auctioneers Roy Good, Jr., Randal Kline & Lloyd Kreider.

XXX

Public Auction

Equipment & Tools

Saturday, Nov. 28, 10 A.M.

Selling for Kinkade Mechanical Contractors Granaza & Hawkins Rds., Tabernacle, N.J. Just off Rt. 206 South of Red Lion Circle.

1978 John Deere 300B w/front end loader & backhoe, WD Allis Chalmers w/2 bottom plow, mini bulldozer w/tilt trailer (need main drive shaft), 1972 Dodge power wagon w/ hydr. snow plow, tri axle trailer, (9 ton), Ingersoll Rand portable air compressor (rebuilt) also rebuilt jack hammer hoses, 5 ton flat bed dump body, Ford truck w/box & lift gate (as is), 40' storage trailer, storage trailer w/bathroom, 3 pt. blade, MFS 3 pt. bush hog, Wagner loader, log splitter, cement buggy, 8HP Huffy lawn mower, 3" commercial Mud Hog pump, 2" Homelite pump. Shop Equip. Fomey welder pipe supplies, hydr. bumper jack, floor jack, K-12 saw, chain saws, 14" cut off saw, tire changer, cutting outfit w/bottles, heavy duty 2 HP Gilbarco air compressor, hand chain hoist, 1 ton Budget elec. hoist, chain binders, bench drill press, air grease gun, oil pump, & auto supplies, elec. pipe threader, pipe cutters, Mueller B-100 threader tapper w/M scope pipe locator, water pressure cut off tool, boring tools, cast iron soil pipe tools, Pilot transite pipe reamen & tapen drain snakes, hardware black & galv. pipe nipples (1/4" to 6") copper fittings & supplies, plastic fittings, parts bins, metal shelving, hanging gas heaters, antique plumbers lib. dating from 1920, wood working tools- 2 band saws, Craftsmen radial arm saw, also desk & counter, 2 air conditioners, trailer hitches, storm drain grates, used lumber & cinder blocks, glass entrance doors, 3 part SS sink & more.

Auctioneer Note: Mr. Kinkade has been in business, over 40 years and has many items not listed.

Pa Lic. #AU002268L



Phone 609-267-8382

AUCTIONEER

RICHARD P. ALLEN

Vincentown Lumberton Road
Vincentown N.J. 08088

Member of New Jersey State Society of Auctioneers
and National Auctioneers Association

Sale Reports

A Public Auction of real estate and personal property was held November 7 by Robert L. and Joan M. Deeds, between Reading and Morgantown off Golf Course Rd., Robeson Twp., Berks Co., Pa.

Three of the five parcels of land were sold and prices were as follows: house situated on 4 acres sold for \$120,000; 10 acres of land brought \$64,000 and 1 acre without buildings sold for \$23,000.

Other prices were: 1985 Chev. pickup truck \$6700, J.D. crawler w/bucket loader \$9000, 1977 Ford flat bed dump truck \$3500 and 3 axle tag-a-long trailer \$800.

Elton Horning and Rodney Horning were the auctioneers.

XXX

A Public Sale of antiques and household goods was held November 7 by Charles and Dorothy Steffy, 431 Maple St., Ephrata, Lanc. Co., Pa. There were 193 registered bidders at the sale.

Some prices received were: wall telephone \$160, quilt \$150, toy Bell Telephone truck

\$62, toy motorcycle \$40, toy fire truck \$110, wind-up celluloid toy \$42, vibrating lounge \$135, 14 round-back chairs \$238, spring wagon seat \$57, 10 antique Christmas ornaments \$28, brass bucket \$52, Colt .22 rifle \$110, Stevens double-barrel 16 ga. shotgun \$110, file cabinet \$160, rotary mower \$180, snowblower \$370, Elgin watch

\$42, 2-headed doll \$85 and Shirley Temple doll \$135.

Some German items were: double-barrel shotgun \$360, bayonet \$180, pins \$75 and banner \$40.

H.H. Leid Auction Service conducted the sale.

XXX

A Public Auction of antiques and collectibles was held November 14 by Roy and Dorothy Weaver, 3 miles south of Strasburg on Weaver

Road, Lanc. Co., Pa. There were approximately 700 people at the sale.

Some prices were: child's rocking horse \$2550, \$5 gold piece \$800, \$10 gold piece \$370 and \$2.50 gold piece \$300, wicker stroller \$350, student lamp \$500, string of 30 sleigh bells \$400, 14" doll \$325, brass hand

bell \$220, shaft bells \$440, Rohrer bottle \$220, Rohrer shot glass \$100, egg crate \$55, child's wagon \$475, tan 2 gal. jug \$200, mantel clock \$230, wagon axle holder \$350, wagon jack \$100, 2 rope beds \$350 each, spinning wheel \$240, copper kettle \$475, icebox \$575, jelly cupboard \$375, broad axe \$170,

Brady axe \$110, dinner bell \$400, oval table \$250, 2 tobacco sizers \$80 & \$90, spool cabinet \$260, wheel barrow \$120, butter churn \$140 and swivel chair \$120. Auctioneers were Ron Funk, Gordon Ressler and Sam B. Stoltzfus.

AUCTION

SURPLUS - VEHICLES
EQUIPMENT & MATERIAL

FOR: ROGERS MECHANICAL CO.
AT: 135 E. Hancock St. (off S. Broad St.)
Lansdale, PA (Montg. Co.) (4 miles from
Lansdale Inter. PA Tpk)

MONDAY, NOVEMBER 23, 1987
9:00 A.M.

Inspect - After 7:00 A.M. day of Auction.

VEHICLES - Trucks: 1981 Ford F150 w/ cap; 1980 Ford w/utility body; two 1979 Ford F150; Two 1978 Ford F150 w/caps & racks; 1975 Ford Currier with rack; 1974 Ford w/utility body; 1980 Chevy C-10; 1978 GMC Pick-up w/liftgate; 1974 Dodge High Cube Van; 1967 Ford Tractor 48,000 GVW; 1961 International Dump; Autos- 1984 Datsun Sentra 5 spd.; 1980 Chevy Citation Auto; 1980 Chevy Van.

TRACTORS - Power King Utility Tractor 48" Mower, 48" snowplow, hydraulic lift, cab; Strata Lift - battery operated, self-prop. 1,000 lb. cap.

TRAILERS - Trailmobile & Gindy 40', Fruehauf 26'; 21' Enclosed Wells Cargo Car Trailer.

EQUIPMENT - Hobart #300 230/460 Welder, Whitney Hyd. Shear, Glass Master #215-33; Argon Iron Cutter on table, iron worker head punch; 24" Edge Bender; Lockformer Edger 22 ga; Punch Press; Lockformer Check Bender 20 ga. Dayton Power Band Saw; Morris Wheeler & Peeling Jib Crane & Boom 1/2 - 1 Ton, 10'-17'; G.E. Port. Elec. Welder 220V, 400 Amp; Fay & Egan Wood Lathe 3 h.p. 10"x8"; Power Positioning Table; Niagara Power Turning Machine; Milton 4' Hand Roll Roller Shear Corp. Power Slitter; American Industries, 15 KVA Spot Welder; Ace Spot Welder; Air Notcher; Form All 6' Hand Brake; Ruoff & Engle Power Notcher Attach., DiAcro 24" Finger Brake - 2 Lockformer S Cleat Slitting Sheet Metal Coil Lifter; Power Nibbler Circle Cutter 30"; Hibbard Power Shear 36"; Vent Power Cleat Bender.

SURPLUS INVENTORY - 4"-8" Flanged Gate Valves; Pipe Align. Guides; 2"-12" test plugs; soft copper water tube, floor drains; 1/4"-4" L&DWV Copper Tubing; SS pipe & tube; PVC tubing; steel pipe; grilles; register; dampers; 5"-10" channel; oil burners; water heaters, 3 York roof top heaters, transformers 5 KVA; Delaval high press oil pump; Sier bath screw pump; 4" bronze strainer; York air cond.; 8" diverting valve, basket strainer; heat exchanger; Gearey pump; 5"-8" valves; 8" Wye strainer; used batteries & glass block; Plumbing Fixtures 2" to 15" Soil Pipe & Fittings; PVC Fitting; Copper Fittings.

OFFICE EQUIPMENT - Metal & wood desks, file cabinets; office chairs; wood & metal benches w/word tables; 100+ baggage carts & trucks, 55 sec. metal storage shelving, angle & sheet storage racks, lockers, 1,000 gal. & 3,000 gal. fuel oil tanks.

TERMS - Cash or Acceptable Check w/Bank Letter guaranteeing payment. All items to be paid in full on day of Auction. Removal by Fri., Nov. 27, 1987.

LUNCH



ALDERFER AUCTION COMPANY

501 Fairgrounds Road • Hatfield PA • (215) 368-5477
Box 1 • Harleysville PA • (215) 723-1171

PA NO. 00117-1

FERTILIZER EQUIPMENT



FRIDAY MORNING,
DECEMBER 4 at 10:00 AM
CENTRAL TIME

LOCATED: 12 Miles south of I-80 at
JOLIET, ILLINOIS, on State Route 53 to
James Tyler & Sons, Inc.

(6) Big Wheels Floaters * (5) SS Tank Trailers * (4) Ton Diesel Pickups * (4) 10 Ton SS Dry Tenders * 1985 Waconia 8 Ton Drum Blender * Binkley Blender * Conveyors * Spreader Carts * IH 510 & JD 544A Articulated Loaders * (7) SS Nurse Trailers * Storage Tanks * Pumps * Meters.

OWNER:
JAMES TYLER & SONS, INC.

(815) 423-5555

AUCTION CONDUCTED BY:
SCHRADER REAL ESTATE &
AUCTION COMPANY, INC.
Columbia City, IN 46725,
Phone: (219) 244-7606

Nationally Recognized Award
Winning Auctioneers
Call Schraders for more information
and a detailed auction brochure.

DAIRY HERD DISPERSAL

Located 4 1/2 miles north of Woodsboro, Md. or 8 miles south of Taneytown, Md. on Route 194, 1/2 mile east on Good Intent Road at Ladlesburg, Md.

FRIDAY, NOV. 27, 1987
AT 11:30 A.M.



50
HEAD OF QUALITY HOLSTEIN
DAIRY CATTLE
50
36 COWS - 12 BRED HEIFERS -
2 REGISTERED BULLS

Milking cows consist of 22 first calf heifers, 8 second calf, 6 third & fourth calf cows. 8 fresh in August & September, 9 fresh in October, 6 to freshen by sale day, balance in various stages of lactation. 12 head of close springing heifers. Reg. Holstein bull born 3/8/86, sired by a Fond Matt grandson & out of a Milestone dam with record of 321D, 29950M, 918F; another Reg. bull born 12/4/86 sired by Ned Boy, his dam from Arlinda Chief Jemini with record of 305D, 23520M, 4%, 940F.

All animals are home raised, calfhoo vac. & dehorned, quiet & gentle with good size & dairy character. Bangs & T.B. tested within 30 days for interstate shipment.

Machinery, heifers, feed & misc. items to be sold March 15, 1988.

TERMS: Cash or approved check - Not responsible for accidents.

RICHARD H. LAYMAN
RICK A. LAYMAN
Phone (301) 775-7211

Auctioneer: Robert C. Mullendore
Boonsboro, Md.
Phone 582-0546
Clerk: C. L. Metz

Sale held in tent
Loading chute available
Lunch Rights Reserved

PENNS-DALE DISPERSAL For John A. Harsh Kinzer, PA

Holstein Breeder For 40 Years.
More Details Next Issue
COMPLETE REGISTERED
HOLSTEIN HERD
50 HEAD

To Be Held At

SMOKETOWN QUALITY DAIRY SALES
Smoketown, PA Rte. 340

Day Sale FRIDAY, DEC. 18, 1987 12:30 p.m.

Cows — Bred And Open Heifers
All Home Raised & Calfhoo Vaccinated-
Certified And Accredited

50 Lb. Avg. R.H.A.

Avg. 1986- 14,587m. 3.7% 534F.
1987- 15,045m. 3.8% 568F.

15 Fresh From August To Oct.
7- Due Dec. To Feb.

Cow Family's- Dams & Dtrs., Grddams.
Nice Group Of Bred & Open Heifers,
Yearlings To Calfs.

Sires:

Knolltop Reckers Ace	Glenafon Hercules
Mil-Nor II Design	Standout
Le-Del Ideal Superior	Marlu Classic
Sterk Exclusive	Singing Brook
Whittier-Farms	Starmate
Apollo Rocket	Pen-Col Dazzler-ET

Sale Managed By

SMOKETOWN QUALITY DAIRY SALES
Helen & Gordon Fritz 717/393-0930

Sale Reports

An Estate Auction Creek Road, Schuylkill was held November 7 Co., Pa. for the estate of Harry Some of the items A. Stiely, 3 miles east of sold were: Model 12 Klingerstown along Winchester 16 ga. \$675.

PUBLIC AUCTION SERVICE



2 DAY AUCTION

FRIDAY, DECEMBER 4TH
12:00 NOON - 6:00 P.M.

SATURDAY, DECEMBER 5TH
10:00 A.M.

Commercial Real Estate - Tools -
Building Supplies - Vehicles

DUE TO OTHER BUSINESS INTEREST & GROWTH, I WILL SELL ENTIRE INVENTORY & REAL ESTATE TO LIQUIDATE WEAVER'S SUPPLY RT. 472, KIRKWOOD, PA, 10 MILES NORTH OF OXFORD ON RT. 472 — 5 MILES SOUTH OF QUARRYVILLE, PA.

Real Estate Includes: 2 Acres More or Less Of Commercial Ground, A Beautiful Old Home 80% Restored & Barn w/Approx. 13,000 Sq. Ft. & 600 Sq. Ft. of Store Front, Plus Other Outbuildings. Home — Beautiful Modern Kitchen w/Oak Cabinets w/Eat-In Nook Which Flows Into Large Family Room, Large Laundry Room That Flows Into A Big Sun Porch & 2 Car Garage, Full Bath Off Of Kitchen Area. Beautiful 17x26 Living Room, 3 Bedrooms Upstairs w/Full Bath, Master Bedroom has Large Sitting Room w/1 Wall Bricked, Wall-to-Wall Carpet Throughout w/All Elec. Heat. All This Surrounded By Big Shade Trees & Blacktop Driveway, 210 Ft. Road Frontage On 472, Plus Road Frontage Up One Side; Corner Lot. Ideal For Convenience Store Location — Residential — Or Family Run Business Of Your Choice. Plenty Of Room For Anything.

REAL ESTATE WILL BE SOLD DECEMBER 5TH, AT 12:00 NOON.

TERMS: Real Estate - Settlement Within 45 Days - \$8,500. Dep. Day of Auction. Recordation Tax, Documentary Stamps, Transfer Tax, Survey If Needed At Buyer's Expense. All Taxes Will Be Prorated. Property Sold AS IS With Clear Title. Deposit On Real Estate Can Be A Personal Check. More Details Announced Day Of Auction.

Show Dates:

Sunday Nov. 22nd - 2:00-4:00 P.M.

Sunday Nov. 29th - 2:00-4:00 P.M.

Or By Appointment, Phone Office Of Auctioneer (301) 658-6400.

Come Prepared To Buy, We Sell At Auction: Folks, Here Is A Real Nice Property w/A Lot of Potential From Residential To Commercial Use. A Real Chance To Start Your Own Family Business Which Has Made America Great. Phone (301) 658-6400 And Look It Over.

Personal Property: Fuller, Stanley & Many Other Brand Name Tools: Hammers, Open-End & Box Wrenches, Pliers, Hand Saws, Nuts, Bolts, Paint & Paint Brushes, Miracle Paint Shaker, Fishing Tackle Supplies, Mail Boxes, Elec. & Plumbing Supplies, Lawn & Garden Supplies, Pre-Hung Doors, New Windows Various Sizes, New Bath Tub Enclosures, Anti-Freeze, Life-Size Fiberglass Long Horn Steer, Plus Large Supply Of Used Office Desks, Chairs, Furniture & Many, Many Other Items Too Numerous To Mention. PERSONAL PROPERTY STARTING FRI., DEC. 4TH, 12:00 Noon Til 6:00 P.M. Then SATURDAY, DEC. 5TH, STARTING AT 10:00 A.M. FOR BALANCE OF PERSONAL PROPERTY. COME BOTH DAYS SO YOU WON'T MISS ANYTHING. FRIDAY WE WILL START WITH NEW TOOLS. \$70,000 Inventory To Be Sold.

Terms: Personal Property Cash, Check Only If Est. w/Auction Firm.

Auction Ordered By:

WEAVER'S SUPPLY

MR. & MRS. ED WEAVER, Owners

Rt. 472, Kirkwood, PA

Your Auction Family:

Norman E., Carol A. &

Chris E. Hunter

Auction Service By:

Hunter's Sale Barn, Inc.

Rt. 276, Phone (301) 658-6400

Rising Sun, MD 21911

Vehicles: 1971 I.H. 211D, 479 V-8 8 Sp. R.R., 2 Sp. Rear, Full Air 16' Log Body 10,000 Miles On Overhauled Engine Good Cond. 2 15' Flat Trailers One w/Tandems, '75 Granada Cpe. Air, Auto.

Directions To Auction: From MD Take Rt. 1 Nth. to Rt. 472, Exit Turn Left On Rt. 472 Drive Approx. 10 Miles Nth. Property On Right. From US Rt. 1 South Take 472 Exit and Turn Right & Follow Above Directions Property Posted — See You There.

sausage stuffer \$110, meat grinder \$75, Stiely handmade wooden sugar bowl \$140, copper kettles \$75 to \$110,

wooden tub \$30, threshing machine \$65, Lane Mfg. Co. shingle mill \$4000 and Josiah Ross 18" planer \$550.

Mike and George

Deibert were the auctioneers.

XXX

A Public Auction of a 1978 Mercedes Benz and horses was held November 14 by Harry W. Ferguson, near Little

Britain on Kirks Mill Road, Lanc. Co., Pa. There were 86 registered bidders at the sale. Some prices received were: 1978 Mercedes Benz 280CE car \$10,500, 11 year old registered quarter horse

\$410, 3 year old registered quarter horse \$705, J.D. 1520 D tractor w/manure loader \$7645, A.C. rotary mower \$425, gas tank with pump \$170, horse saddle \$95 and 2 pony saddles \$35 & \$37.50.

The auctioneers were Lloyd Kreider, Randal Kline and Roy Good.

XXX

A Public Sale of farm machinery and household goods was held November 14 by Joseph H. Wiley, 3604 Water Tank Road, Manchester, Carroll County, Maryland. There were 100 bidders at the sale.

Some prices were: Farmall C tractor \$800, snow plow for C tractor \$310, tractor chains \$105, Woods mower \$380, 18 h.p. Sears garden tractor w/mower \$1225, weed eater \$110, mulcher \$140, vanity w/3 pc. mirror \$200, Dutch boy & girl cookie jars \$24 each, old secretary \$200 and china closet \$70.

Nevin E. Tasto was the auctioneer.

XXX

An Estate Auction of antiques and farm machinery was held November 14 for the estate of Amy H. Ryan, 10 miles from West Chester, E. Marlborough Twp., Chester Co., Pa. There were about 400 people at the sale on a beautiful farm.

Some prices were: J.D. MT tractor \$1200, J.D. A tractor \$900, low-down wagons \$80 & \$70, pickup baler \$125, milk cans \$15 each, set of 6 oak chairs \$225, Wicker baby carriage \$375, 5 pc. chamber set \$290, Ray-O-Oil lamp \$325, cupboard \$300, sideboard \$450, highback bed \$150, square diningroom table \$150, marble top table \$250 and oak dressers \$250 & \$220. also old Pa. corn sheller \$180.

Whiteside Auction Service conducted the sale.

XXX

A Public Auction of farm equipment, car and truck was held November 14 by the Warren F. Kramer estate, west of Dryville in Rockland Twp., Berks Co., Pa. There were 217 registered bidders at the sale.

Prices included: Int. 1965 10 ft. dump truck \$3600, 1974 Plymouth Scamp \$3400, Myers 5 ft. blade \$300, Silver King tractor \$800, A.C. C tractor \$650, J.D. rake \$350, Troy Pony rototiller \$490, David Bradley manure spreader \$250, Winchester #94 30-30 rifle \$275, oak sideboard \$500, walnut bedroom suite \$470, 3 pc. oak bedroom suite \$650, early vanity \$140, wood chest \$300, small copper kettle \$195 and set of 6 pressed-back chairs \$150.

Ken P. Leiby was the auctioneer.

XXX

ADVANCE NOTICE PUBLIC AUCTION SATURDAY, DEC. 5

@ 10:00 A.M.

Farm And Industrial Tractor And Machinery Auction To Be Held In Our Yard On The Corners Of Rt. 38 & 38B Newark Valley, NY.

50 Farm Tractors, 10 Pieces Of Industrial Equipment, Large Selection Of Farm Machinery, New 3 Point Equipment & Trailers.

CONSIGNMENTS WELCOME
WATCH NEXT WEEKS
PAPER FOR LISTING

SALE BY:



GOODRICH

607-642-8688

AUCTION SERVICE INC. RTE 38 & 38B NEWARK VALLEY NEW YORK 13811

Auction Announcement Two Important New Jersey Potato Farm Auctions

Sat., Feb. 20, Freehold, NJ for Edgar Maghan/Four Maples Farm.

Mon., Feb. 22, Cranbury, NJ for Raymond and Gordon Simonson/Simonson Farms since 1932.

Mark your calendar now for this big potato equipment auction weekend and watch for further ads!

Auctions Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

Nationally known experts in the sale of potato farm machinery!

PUBLIC AUCTION

Valuable Farm Equipment, Household Goods, Tools, Antiques, Old Low Dry Sink, Old Decorated Blanket Chest, 1964 Int. Scott 4x4, Allis Chalmers Model B Tractor, Guns, Troy Built Rototiller, Int. 7 H.P. Riding Mower, Refrigerated Walk-In Cooler.

**THURS., THANKSGIVING DAY, NOVEMBER 26, 1987
AT 9:30 A.M.**

Located in the borough of Bowmanstown on the corner of Forge and Franklin Street, Bowmanstown, Pa., Carbon County. Look for Auction Sign.

Items - Floyd Wells Co. Royersford, Pa. nice kitchen coal stove with warm closet (excellent condition), dec. blanket chest, old low dry sink, old red original painted wood chest, oak side board, solid side jelly cupboard, arrow back and bend back chairs, press back high chair, old cupboard top, (6)- matching captains chairs, old Sparton floor model radio, cane seat chairs and rockers, small wood chest, butter print crib, wicker chairs, early wood bin table, old captain chair, old feed chest, press back chairs, 2 pc. livingroom suite, book shelf, small chest type freezer (like new), fancy oak bed, oak wash stand, high old bed, camel back trunk, wash stand, double bed, clothes tree, electric sewing machine, old wood cupboard, wringer washer, corner shelf wall shelf, old towel rack, oak cabinet sewing machine, old candy jars, slot boards, many old books, kerosene lamps, flat irons, old locks and keys, wood coffee grinder, butter press, stereo viewer, dep. salt and peppers, ironstone china, Palmerton adv. match safe, Stegmaier tip tray, glass candy containers, milk cans, old marbles, brass face scale, 1924 beaded pin cushion, old acket ware, rye basket, large copper luster pitcher, old carnival glass, cake stand, oak square table, old bottles, half spindle plank seat settee, ruby glass, old milk glass, 7 pc. gold trim water set, old blue miniature table set, old pictures and frames, press glass, dep. glass, rag carpet, Horlacher Betsy Ross picture, glass butter churn, old wall boxes, old mixing bowls, crocks, jugs, wood bench, comforts, blankets, linens, rugs, tobacco tins, table lamps, wall mirrors, blue dated jars and others, kitchen utility cabinet, asst. pots, pans and dishes, electric appliances, Woolrich coat, large old Bible, old lunch pail, cast iron pail, coal buckets, stumper, old cap guns, carpet beaters, cabbage cutters, glass wash board, cast iron tea kettle, butter paddle, butcher ladles, strainers and forks, barrel spickets, slate crock lids, old cocoa tin, old milk bottles, egg scale, wood buckets, wood butter bowls, many canning jars, Dayton electric meat scale, steak tenderizer, beam scale, meat hooks, sausage stuffer, meat saws, cleavers, keen cutter grinder, hog scrapers, hanging market scale, large walk-in cooler, child's sleds, wood butcher tub, Savage 250- 3000 Win Mod. 06-22 pump, 12 ga. double barrel hammer shotgun, old market purse.

Farm Equipment and Tools- Allis Chalmers B tractor w/1 row cultivator and left and right plow, Int. 7 H.P. Cub Cadet riding tractor with mower, Troy Bilt Jr. Rototiller (like new), 9 tube shoe grain drill, 1964 Int. Scott 4x4- 4 cyl. stand w/7' snow plow, hand horse cultivator, hand horse corn planter, hand horse row maker, hand fertilizer spreader, cast iron hog troughs, many hand and garden tools, scythes, wood rakes, buck saw, block and tackle, wood wheel wheel barrow, many burlap bags, hand truck, roof slates, meat hooks with rollers, 1 hole corn sheller, lanterns, dove tailed wood tools chest, many old hand tools, belt driven buck saw, buck saw blades, electric drills, blacksmith vice, drill press, shoe lathe, kerosene heater, many license plates, cross cut saw, hand saws, Fiddle clover seeder, wagon jack, wood ext. and step ladders, 4 wheel wood body wagon, asst. lumber, brooder stove with hood, stalk cutter, spring tooth harrow, seed cleaner, dump rake, lots of fire wood, many other items too numerous to mention.

Terms: Cash or Acceptable Check. No Out of State Checks Accepted.

Not Responsible In Case Of Accidents.

SALE ORDERED BY:

NORMAN A. HAGENBUCH
Forge and Franklin Street
Bowmanstown, Pa.

AUCTIONEER:

Robert A. Arner

Route 2 - Box 216, New Ringgold, Pa. 17960

Phone 717-386-4586 - Pa. License No. AU-000024-L

Refreshments

Sale Reports

A Public Sale of a 151 acre Union County farm was held November 11 for the estate of Henry H. Moll, 8 miles northwest of Mifflinburg, Pa.

The property consisted of an 8 room house, large bank barn with loose housing, and two story garage converted into dwelling. It was sold to William Pontius, Mifflinburg, Pa. for \$166,000.

The auctioneers were Wayne M. Hess and Alan W. Hess.

XXX

A Public Sale of real estate and grade Holsteins was held November 11 by F. Hilltop Farms, John E. and Lydia Fisher, owners in Salisbury Twp., Lanc. Co., Pa., 5 miles southeast of New Holland on Gault Road.

The 127 acre farm was sold for \$622,000 and the 1 acre building lot brought \$25,500.

The top three cows sold for \$2800, \$1375 & \$1325. Three milking units sold for \$400 each and one milking unit sold for \$440.

Steve Petersheim and Steve, Jr. were the auctioneers.

XXX

Thornbottom Farms Complete Herd Dispersal was held November 12 by Bob and Joe Finch, 7 miles from Lawrenceville, Pa. at Nelson, Pa.

The fresh to close fresh grade Holsteins sold from \$1000 to \$1325. The average of 203 mature cows was \$731 and the average of the 331 head sold was \$547.70.

The auctioneers were Bill Kent and Art Kling with Sales Mgr. Gordon Wood.

Public Auction Register

NOVEMBER

FRI & SAT. NOV. 20 & 21 - 10AM Construction & Marine Eq., Trucks, Trailers Casey Co., 900 Freeport Rd., Aspinwall (Pittsburgh), PA Yoder & Frey Auctions, Inc

FRI & SAT NOV. 20 & 21 - 10AM & 9:30AM Respectively Harness Makers Tools, Store Fixtures, Contents of Leather Goods Store H R Knapp Leather Goods Store, 202-204 S Centre Street (Corner of Centre Street and Howard Avenue) Pottsville, PA Martin Auctions Inc

SAT NOV 21 - Public Sale of Farm Eq., Antiques & HH Goods for Eli M Horst, 55 Glenbrook Rd., 1/2 mi north of Leola, PA Nevin Martin & Melvin Sensenig, auctioneers

SAT NOV 21 - 9AM Robert P Riegel Estate, 33 Acre Farmette, Ferguson Tractor, Nova, Antiques, HH Midway between Shartlesville and Centerport along Shartlesville/Centerport Rd, Berks Co., PA Dennis F Wagner, Auct.

SAT NOV. 21 - 9AM Real Estate, Antiques, HH, Coins. Along Grist Mill Rd., Earl Twp., Lanc. Co., PA Rt 322 to Hinkletown turn N onto Lanc Ave., continue to Square in Martindale, turn left onto Grist Mill Rd Terms by Edwin S & Elizabeth G. Fox, T Glenn & Timothy G. Horst, Auctions

SAT NOV. 21 - 9AM Tools & Garage Equip To be held at 503 S Market St in the Borough of Selinsgrove, PA Snyder Co Owners William E Glass, Jr & Larry D Troutman, Dale L Longacre, Auctioneering

PUBLIC AUCTION ON SATURDAY, NOV. 18, 1987 AT 8:30 A.M.

At Chanceford Community Hall. Located off Route 74, Rear of Brogue Post Office, Brogue, Penna.

Furniture- Antiques- Personal Property. Appliances- Household Goods- Dishes & Glassware. Selling From 4 Homes- Come Early Lots To Be Sold.

Not Responsible For Accidents On Day Of Auction.

Refreshments-On-Premises.

Terms Cash or Approved Check.

Brian L. Gilbert #2256

Jacob A. Gilbert #336

Auctioneers

PUBLIC AUCTION

Plainfield Township 26.7 Acre Farm In 3 Parcels.

TRACTORS, FARM EQUIPMENT, TOOLS, TRUCK, STRAW, HAY, GRAIN

Saturday, November 28, 1987 9:00 A.M.

539 Batts Switch Road, Belfast, Pa. Midway between Windgap and Belfast turn east off Sullivan Trail onto Batts Switch Road. Watch for auction sign. Offering 3 parcels zoned SR as follows:

Parcel #1 East (8.4 acres) 2 1/2 story, 6 room, bath sgl. frame residence in excellent condition, w/attached 2-story summer house, level tillage, 687' road frontage.

Parcel #2 (14.9 acres) large frame bank barn, 33'x40' "Umbaugh" pole bldg., farm sheds & crib, level tillage, pasture, spring fed pond, 467' road frontage.

Parcel #1 West (3.4 acres) level tillage, 474.80' road frontage.

Parcels will be offered separately or in any combination thereof.

Terms: 10% day of auction, bal. 60 days. R/E offered 12:00 noon. For info and inspection call Auction Co.

Tractors: Farmall M, wide front (+ narrow); #290 Massey Ferguson diesel (approx. 1100 hrs.); #180 Massey Ferguson diesel w/cab, wide front, dual wheels, Hi-Lo, multi-power. (2) 3-16" Ford trip-bottom plows w/disc; 7' transport offset disc; Massey Ferguson 4-row cultivator, 3 pt.; 3 & 4 sec. harrows, extra teeth; 9' McCormick cultipacker, extra wheels; Vic-on spreader, 1000 lb. hopper, PTO; 7' grass machine; JD rotary mower, PTO; #101 10' McCormick combine; 2-row New Idea corn husker (narrow); Massey Ferguson 4-row (narrow) corn planter, 3 pt.; Sauder loader; #336 JD baler; 2GL Sitrex hay tedder, 1yr. old; #469 New Holland haybine; IH side-delivery rake; (2) hay kicker wagons; (2) flatbed bodies; (2) Favorite grain body; JD Brunt 16 tube drill, seeder atch; 24' All Purpose drag & 16' Cardinal grain elevators; 120 gal. mount sprayer, 25' boom; post hole digger, 12", 18" augers; 7' rotary hoe; Ford scoop; 14' tandem trailer, no flr; Gen. Tractor 7' blade; Gehl Mix All feed grinder; Vac-A-Way seed/grain cleaner (full screens); 200 bu oats, cob corn; 2000 bales hay (rye/timothy, first cutting & alfalfa mix); 500 bales barley/wheat straw.

Tools: Hobart 230/208 volt welder; Solar fencer; Ford tractor chains; 4'x8' cattle box w/ ramp; Sunbeam shop furnace; 5, 10, 20 bu. pig feeders; Agstar auto waterer; platform & beam scales; CI butcher kettles; corn sheller; 3 hp roto tiller; lawn sweeper; cattle clipper; dehorner; fuel tanks; 38' alum. ext. ladder; 21 pc. 3/4" socket set; floor jack; rough lumber; cattle rubber; 14', 15' farm gates; fence posts; rolls barbed wire & misc. unlisted farm items.

1952 Chevrolet 12' stake body truck, 4 spd., dual rear wheels, rebuilt motor, 61,000 orig. miles.

Terms: Cash or approved PA check. Refreshments.

Auction ordered by MR. & MRS. NEWTON MOYER WIL HAHN AUCTION CO. (215) 837-7140 AU-001271-L

PUBLIC AUCTION BUSINESS

TERMINATION SALE TUESDAY, NOV. 24, 1987 AT 10 AM FLEMINGTON BUILDERS MART RT. 202 FLEMINGTON, NJ (1 Mile North of Flemington Circle South Bound Side 202)

BUILDING SUPPLIES \$396,450.00 WHOLESALE INVENTORY ROLLING STOCK, TRUCKS, FORKLIFTS, REAL ESTATE, 3.5 ACRES, 550' FRONTAGE RT. 202, 27,500 SF BUILDINGS

MILLWORK 30 Prehung Oak & Birch Doors, 142 White Pine & Elite 6 Panel Doors, 23 Insulated Vinyl Window Units-Andersen, Etc., Double Hung/Casement/Awning, 24 Steel Prehung Insulated Entry Doors By Stanley, Leaded Glass, Double Doors & Sidelites, 198 Assorted White Pine, Luan, Louvered & Masonite Doors, Quantity Hollow & Solid Core Doors.

KITCHEN CABINETS 280 European Style Formica and Raised Panel Oak Wall And Base Cabinets By Brammer & Excel, 18 Wood Vanities - Many With Tops, 12 Fiberglass 1 Piece Tub/Shower, 12 Kitchen & Bath Sinks, 10 Imported Vanity Sink, Mirrors & Medicine Cabinets 30" To 51".

LUMBER, PLYWOOD, PANELING, SIDING 48,460 BF Treated & Hem/Fir Lumber In 2x4 To 2x10 In 8' To 22', 1476 Pcs. Exterior Plywood In 1/2" To 3/4", 144 Pcs. T1-11 Siding, 6,200 SF 1x6 & 1x8 Cedar & White Pine Square Edge & Channel, 262 Pcs. 4x8x1/2" To 3/4" Oak, Maple & Melamine, 4x8x1/2" Vinyl Covered Sheetrock, 4,400 BF White Pine 1x4 To 1x12, 2,500 BF White Pine 5/4x4 To 12, 8,000 BF Cedar Siding Beveled & T&G, 165,300 LF White Pine Molding & Colonial Casing, 186 Square Vinyl Siding, 34,000 SF 4x12x3/8" & 1/2" Sheetrock.

WALL & FLOOR TILE 1,800 SF 8x8 Ceramic Floor Tile, 13,280 SF Vinyl Composition Floor Tile White & Colors, 3,200 SF Ceramic Wall Tile, 3,400 Lbs. Tile Grout In 25 Lb. Bags- Assorted Colors.

FLOORING, OAK, TEAK, FIR 6,000 LF 1x4 Clear Fir Floorings, 5,280 BF 1x3 Teak Flooring, 6,620 SF Prefinished Parquet In 6x6 & 9x9, 4,680 BF 1x3 Unfinished Oak Strip Flooring, 4,280 SF 12x12 Exotic Parquet. ROOFING 576 Bundles Shingles, 94 Rolls 90 Lb. Ms Rolled Roofing.

OTHER ITEMS 160 Rolls Fiberglass Insulation 4" To 9", 42,000 SF 1/2" To 1" Foil Covered Insulation, 2,560 Pcs. White Gutter, Leader & Fittings, 800 Pcs. Pressure Treated Ballusters, 250 Pcs. 4x8 & 2x8 Treated Lattice, 6 Bilco Steel Cellar Doors, 112 Ctn 12x12 & 2x4 Ceiling Tile, Black & White Ceiling Grid, 132 Entry Lock Sets, 30 New Formica Countertop, 12 Steel Bathtubs, 8,450 Lbs. Assorted Nails.

ROLLING STOCK - EQUIPMENT 1986 Komatsu 9000 Lb. Forklift Dual Pneumatic Tires Model FG40, TCM 8000 Lb. Dual Pneumatic Tire Forklift 13' Triple Cylinder Mast, Baker Propane 5000 Lb. Solid Tire Forklift, Yale 4000 Lb. Solid Tire Forklift 1975 International Loadstar 1600 w/14' Open Body Truck, 1973 Diamond Reo Diesel Newly Rebuilt Tandem Flatbed Dump Truck, 1975 & 1974 International Tandem 20' Flatbed Dump Trucks, 40' Storage Trailer w/Rollup Door.

TO BE OFFERED AT 12 NOON, REAL ESTATE ABSOLUTE AUCTION ABOVE \$1,000,000.00

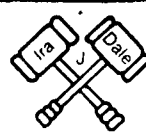
3-1/2 Acre Tract With 550' Road Frontage On Route 202, 7,500 Square Foot New Store Area, 20,000 Square Foot Of Warehousing.

MIDATLANTIC REALTY & LAND CALL AUCTIONEER FOR DETAILS

INSPECTION: 9 AM TO 4 PM MONDAY NOV. 23, & 8 AM DAY OF SALE.

TERMS: CASH OR CERTIFIED CHECK, 25% DEPOSIT REQUIRED.

Peter Costanzo Auctioneers, Inc LONG BRANCH NJ UNION NJ 201 229 2550 201 688 2552



GAP AUCTION

SALE FRIDAY NIGHTS HOUSEHOLD GOODS, ANTIQUES & TOOLS AT EVERY SALE

Located near the Town Clock opposite the Minit Market in Gap, PA.

Ira & Dale Stoltzfus & Luke Witman Auctioneers 717-442-4936 AU-000907-L

ABSOLUTE PUBLIC AUCTION

FARM MACHINERY & FARM RELATED ITEMS WEDNESDAY, NOV. 25, 1987 AT PRECISELY 11:00 A.M.

Located: Along West Newport Road In The Village Of Elm, Pa. Directions: From Lititz, Pa. Take Route 501 North 1 Mile, Turn West Onto Newport Road And Continue To Auction Site.

John Deere #2940 Diesel Tractor Having 1300 Hours (Like New) With Synchronize Shift, Front End Weights, 3 Point Hookup; Massey Ferguson #135 Gas Tractor With Souder Front End Loader, 3 Point Hookup; John Deere #115 10 Foot Disc On Rubber; Brillion 10 Foot Cultipacker; Little Giant 30 Foot Elevator (Like New); New Idea Pull Type Single Row Corn Picker (Used 2 Seasons); John Deere #54 Single Axle Manure Spreader (Used 2 Seasons); John Deere #4200 3 Bottom Roll Over 16' Plow (High Clearance); Wincharger Tow Behind Portable Generator; Graham 5 Tooth Chisel Plow; Massey Ferguson Baler; Century 8 Row Tow Behind Sprayer w/New Pump; International Side Delivery Rake; Better-Bilt 1500 Gallon Liquid Manure Spreader w/Plow Down; John Deere 10 Ton Running Gear w/Bin Wagon; John Deere 3 Section Spring Harrow; Brillion 10 Foot Cultimulcher w/Cylinder; Allis Chalmers 4 Row Tow Behind Rotary Hoe; 3 Section Harrow & Roller; Flatbed Farm Wagon w/8 Ton Running Gear; 8 Ton Running Gear For Silage Feeder; (2) Flatbed Running Gears; Hay Tedder; Cunningham 7 Foot Hay Crimper; John Deere Flail Chopper; New Idea Hay Cut-Conditioner w/New Flails; Massey Ferguson 2 Row Cultivator w/3 Point Hookup; Ford 3 Point Sickle Bar Mower; Grain Drag Elevator; John Deere Sickle Bar Mower; Massey Ferguson 2 Row Tractor Mount Corn Planter; N.G. Hershey 2 Row Tobacco Planter; Single Tobacco Ladder On Steel; Approx. (40) 4x4, 2x6 Wooden Tobacco Scaffolding; (7) Hand Cut Rails; Brock 10 Ton Feed Bin w/80 Foot Of Auger System; Round Wire 50 Ton Corn Crib; 500 Gallon Gas Tank On Legs; 100 Gallon Diesel Fuel Tank w/Pump; 100 Gallon Water Tank; (3) Watering Tubs; (8) Daisey Hog Water Fountains; (5) 8 Hole Smidley Hog Feeders; (5) Pride Of The Farm Round 100 Bushel Feeders w/Stainless Steel Cast Iron Bottoms; Surge 3 Unit Pump; (2) Surge Milkiers; Stainless Steel Dumping Station; Stainless Steel Piping, Spigots For Bulk Tank; DeLaval 2 Unit Pump; Milk Cans; Can Rack; Steel Window Frames; Used Tractor Tires; Nails, Bolts, Hinges; Scrap Iron Pile; Other Items.

Auctioneers Note: "Be Prompt Not Many Small Items"- The Miller's Having Sold The Farm Are Retiring From Farming.

Terms: Cash Or Approved Check.

Auction For:

ARLINGTON MILLER MARION B. MILLER

Auction Conducted By The: J. Omar Landis Auction Service Jay M. Witman AU001127-L Box 501 Apple & Roberts Street Ephrata, Pa. 17522 (717) 627-0789 — 665-5735

PUBLIC AUCTION
REAL ESTATE
ANTIQUES &
HOUSEHOLD GOODS
SATURDAY,
NOVEMBER 28, 1987
10:00 A.M.
 Location: Take Rt. 30 to Strasburg Square, Take May Post Office Rd. approx. 5 miles, turn East on White Oak Rd. turn North on Summit Hill Rd. approx. 1/4 mile to sale. Paradise Twp., Lanc. Co.



The House: A 2-Story Log House w/ aspeptic siding and asphalt shingles. 3 bedrooms, bath w/shower stall, eat-in kitchen, powder room, living room. Full basement, cold cellar, hot air furnace like new, well, storm windows & doors, closed-in porch & attached pump house.

The Barn: A 2-Story frame barn with running water, room for cattle in the lower level & room for crop storage in the upper level, pig pen & chicken house combined, brooder house & rain shelter, tool shed. All situated on a 2-Acre corner lot in Paradise Twp. Real Estate will be offered at 1 P.M. Hoozer kitchen cabinet; jelly cupboard; dry sink; oak cradle; dropleaf table; library table; 2 wooden ext. tables; 6 plank & 3 cane bottom chairs; other plank chairs; walnut rocker; wood box; high oak bed; wooden bed frame; 2 metal beds; Empire chest of drawers; chest of drawers; 2 camel back trunks; cedar chest; lg. chest.

Butter scales; brass scales; P & beam scales; broad axe; lanterns; coal oil lights; lamps; hay knife; draw knife; Black Hawk corn sheller; wooden vise; copper kettle w/3 foot; wooden rake; 2 prong forks; auger; sm. iron stove; ham saws; meat cleaver; meat bench; meat grinder; apple butter & pudding stirrers; cherry seeder; slaw cutter; baskets; wooden tubs; wicker stand; German clock; quilts; linens; picture frames; handmade cookie cutters; agate ware; redware; crocks; shoe lathe; brass quoits; porcelain doll head; iron pump trough; misc. dishes; pots & pans.

Hotpoint washer & dryer; Maytag wringer washer; Frig. refrig.; 25 cu. ft. chest freezer; portable Singer sewing machine; GE stove; coal oil heaters; couch; metal wardrobe; Electrolux sweeper; desk & chair; file cabinet; picnic table; lawn chairs; 3 swivel rockers; oval rug; 5 pc. breakfast set; buck saw; Nash radiator cap; Walker Jack; potato plow; spring harrow; fishing rods & equip.; wooden ext. ladder. Winchester Model 61 pump; 16 ga. pump Model 12. Items too numerous to mention. Food by Mt. Eden Church Women.

Auct's Note: Tremendous opportunity to purchase at your price. Beautiful location. Terms: 10% down day of sale, balance upon settlement.

Terms by
MARION B. MOWRER
 Auctioneers Conducting Sale:
 LLOYD KREIDER (AU000513L)
 717-786-3394,
 RANDAL KLINE, ROY GOOD,
 GARY SHIRK



FARM TOY
AUCTION & SHOW
New Year's Weekend
Friday & Saturday,
January 1 & 2, 1987
 At New Holland Fire Hall, New Holland, PA.
SHOW
 Friday, 2 to 9 p.m. & Saturday morning
AUCTION
 Saturday, 1 p.m.
 More details coming later
 To consign contact Dave Nolt
 717-768-3554

PUBLIC
AUCTION
SAT., DECEMBER 5, 1987
AT 10:00 A.M.
VALUABLE 45 A. FARM, FARM
MACHINERY, ANTIQUES,
CARS, PERSONAL PROPERTY
ETC.

LOCATED: SOUTH OF RED LION APPROX. 2 1/4 MILES TURN LEFT ON PLEASANT GROVE RD., GO STRAIGHT ON PLEASANT GROVE RD. 2 1/4 MILES, FARM ON LEFT, SIGN POSTED.

45 + OR - ACRE FARM
 FARM CONTAINING APPROX 45 ACRES + OR - WITH APPROX 30 ACRES BEING TILLABLE BALANCE OF APPROX 15 ACRES BEING WOODLAND FARM HAS TYPICAL 3 BDRM FARM HOUSE LARGE BANK BARN, STONE HOUSE WHICH COULD BE REMODELED, OVER 10 SPRINGS AND 2 STREAMS THIS FARM HAS LOTS OF ROAD FRONTAGE & POTENTIAL WITH A GOOD COUNTRY LOCATION AT R D #1 RED LION, RED LION SCHOOLS, CHANCEFORD TWP., YORK CO., PA PLEASE COME PREPARED TO BUY THIS FARM BECAUSE WE PLAN TO DO BUSINESS TERMS 10% DOWN, BALANCE WITHIN 45 TO 60 DAYS, OTHER TERMS GIVEN DAY OF SALE TO SEE CALL MR EMENHEISER AT 927-9486 FARM OPEN FOR INSPECTION SAT, NOV 21ST & 28TH FROM 10:00 A M TO 2:00 P M REAL ESTATE OFFERED AT 1:00 P M

TRACTORS, FARM MACHINERY, CAR, ANTIQUES, PERSONAL PROPERTY, ETC.
 1953 W D ALLIS CHALMERS W45 KIT SNAP COUPLER AND LIVE P T O, 1948 ALLIS CHALMERS W3 PT HOOK UP LIVE P T O, AC ALL CROP 66 COMBINE (GOOD), AC 3 BTM SNAP COUPLER TRIP BOTTOM PLOW 14 - 16 (GOOD), AC MANURE LOADER TO FIT ABOVE TRACTORS W/2 BUCKETS, AC 2 BTM ROLLOVER 14" PLOW, AC WD CULTIVATORS, AC #33 2 ROW MTD CORN PICKER, 1 SET OF 13 6 & 14 9 TRACTOR CHAINS, COMBINE FOR PARTS, CASE 9FT P.T.O HAYBINE (GOOD), 9FT CASE CUTAWAY OR ORCHARD DISC, (FAIR), IH 4 SECTION SPRING HARROW 11FT (GOOD), IH #46 BALER WORKS GOOD, IH 12" HAMMER MILLER (LOOSE HAMMERS), JD 2 BTM DISC PLOW 3PT. HOOK UP (GOOD), JD 3812 3PT. TRIP BOTTOM MOLD BOARD PLOW, NEW IDEA 2 ROW STALK BEATER, NI #7 1 ROW CORN PICKER (GOOD), NI FOUR BAR SIDE DELIVER RAKE W/TEDDER, 7FT MINN SICKLE BAR MOWER, OLIVER 11 DISC GRAIN DRILL, 12FT. 3PT. WEEDER, CORN AND BALE ELEVATORS, 3PT. FIELD SPRAYER, 40FT. 4" AUGER, M.M. MANURE SPREADER 3 WAGON CHASSIE, FARM WAGON, 2 GARDEN TRACTORS 1 SEARS & 1 GOLDENS, OLIVER 13 DISC DRILL, SEED CLEANER, FENCE CHARGERS, WHEEL WEIGHTS FOR TRACTORS, HOG FEEDER (ROUND), MISC FORKS, SHOVELS, AND LOTS OF OTHER ROUND THE FARM ITEMS NOT LISTED

AUTOMOBILES, CAMPER
 1978 A M C CONCORD SIX CYL, 4 SPD, P.S., P.B., (RUNS), 1978 CHEV SDN, 4 DR., AUTO, AIR, P.B. & STEERING, CAMPER (COMANCHE) EIGHT FT., SLIDE IN GAS STOVE, ICE BOX, SLEEPS FOUR.

ANTIQUES, PERSONAL PROPERTY, ETC.
 DRY SINK, PARTS FOR OLD CORNER CUPBOARD, VICTROLA, SMALL SLANT DESK, HIGH CHAIR, NEW PAIR OF BUTTON SHOES, SMALL COLUMBIA COOK STOVE W/SHELF, TRUNK, DIETZ LANTERN, GYPSIE POT, 2 HOLE BUTCHER FURNACE, SAUSAGE STUFFER, SOME OLD BOTTLES, SOME TOYS, SEVERAL BANKS CAST IRON, RECORDS, SOME CROCKS, CEDAR WARDROBE, METAL WARDROBE, KNEE HOLE DESK W/DRAWERS, KITCHEN TABLE, WOOD HUTCH W/GLASS SLIDING DOORS, DISHWASHER, SIX FT BAR AND RADIO COMBINATION, COFFEE & END TABLES, MAPLE BED & DRESSER, SOME OTHER ITEMS SUCH AS HOUSEHOLD AND ANTIQUE ITEMS NOT LISTED

TO SEE ANY ITEMS CALL OWNERS.
 TERMS: CASH OR GOOD PA. CHECK.
 FOOD AVAILABLE
 NOT RESPONSIBLE FOR ACCIDENTS

OWNERS:
THOMAS L. &
HELEN L. EMENHEISER
 (717) 927-9486
 HUGH D. MANIFOLD (ATTORNEY)

BRADLEY K. SMITH AUCTIONEER
 LIC. #860 PHONE (717) 927-6949

"ATTEND A BRAD SMITH AUCTION WHERE GOOD DEALS ARE MADE FOR THE BUYERS AND SELLERS"
 "AUCTIONS AT YOUR PLACE OR MINE"

Public Auction Register
 Closing Date Monday 5 00 P M
 of each week's publication

SAT. NOV 21 - Farm & Grain Machinery John Muentener, Sunset Road, Skillman, NJ Col Fred R Daniel Aucts Inc

SAT NOV 21 - 9AM Riding Mower, Tractor & Farm Mach, etc 27 Miller St, Strasburg, Lanc Co, PA 1/2 mi W of Strasburg Square, along Rt 741 By Weaver's Farm Eq Howard Shaub, Auct

SAT NOV 21 - 9AM Farm Eq, Sawmill, Heifers, Snowmobile, Antiques, HH From Newville, follow Rt 233 N, turn left onto Center Rd (first road after crossing creek bridge) Follow this road 2 mis to sale Roscoe P Line, Owner Ed Shull,

Auct
 SAT NOV 21 - 9AM Antique & Primitive Tools, Winchester Items, Guns, Collectibles Gap Fire Hall approx 10 mis E of Lancaster, PA, 1 block from junction of Rt 41 & Rt 30 Off Rt 30 along Pequea Avenue Charles Eaby, Pauline Copper & Others, Owners Ron Runk, Aucts

SAT NOV 21 - 9AM Doutrich's Garage, Garage Eq, Vehicles, Guns 1001 Harnsburg Ave, Lancaster, PA Donald J Doutrich, Owner J. Omar Landis Auct Serv Jay M Witman

SAT NOV 21 - 9AM Benefit Quilt & Craft Auction Lancaster Mennonite High

School, 2176 Lincoln Hwy East, Lancaster, PA. Abe Dittenbach & Bob Martin, Aucts.

SAT. NOV 21 - 9 30AM Real Estate, Butcher Shop, Grocery Store, Restaurant Eq Diehl's Market Basket Inc, on the square in downtown Glen Rock, PA Mr & Mrs Linden Diehl, Kevin Diehl, Owners Dan Schuchart, Auct

SAT NOV. 21 - 10AM Antiques, Collectibles, Butcher Eq, Sleigh Just off Rt 487 between Catawissa & Elysburg, next to 3 Ponds Golf Course Raymond Leiby Estate, Seller Hock's Auct Serv

SAT NOV 21 - 10AM HH, Shop Tools, Farm & Home Eq 1 mi N of Stevensville, PA, off Rt 706 on Leasure Lake Rd (Now Alpine Meadow Lake) Mr & Mrs Wilfred Bates, Owners Howard W Visscher, Auct

Door Prizes **Second Annual Pre-Christmas FARM TOY AUCTION** **Door Prizes**
 Do your Christmas shopping where Santa does his
Saturday, November 28, 1987- 4 p.m.
LOCATION: Lancaster Farm and Home Center, 1383 Arcadia Road, South on Rt. 72 off 283 to Service Road, left 1 block. Lancaster, PA.
 This auction will consist of approximately 500 items ranging from current 1/64 scale farm toys and 1/16 scale Ertl tractors and implements currently available, to out of production toys plus some very choice, rare and hard-to-find tractors.
4 O'CLOCK: Selling lots of different types of literature, some pedal tractors, restored and some in need of restoring and other miscellaneous items including signs
5 O'CLOCK: TOYS-TOYS-TOYS Of all kinds and all conditions Current toys new in the box, old toys new in the box, original old toys, repainted old toys and some of all brands in need of restoring Parts available by Cabin Toy Parts from 2:30 pm thru entire sale Plan on joining us for a fun-filled toy auction An excellent opportunity to purchase new toys at wholesale prices Everything sells without reserve
NOTE: Some excellent old tractors to choose from.
Auction conducted by: Wally Hooker
 AU-001866-L Francesville, IN
 219-567-2457
Owners: Coleman Wheatley
 Bethel, Delaware
 302-875-3389
Doug Beard
 Floyd, IA
 515-398-2223

Jennie Bachman Estate
PUBLIC AUCTION
 Valuable Farm Equipment, Ford 3,000 Diesel Tractor, 2 Int. BN Tractors, 1977 Dodge Pickup, 1968 Int. Dual Wheel 7000 GVW Flat Body Truck, Gilson 16 H.P. Lawn Tractor (Like New).
FRIDAY, NOVEMBER 27, 1987
at 10:00 A.M.
 Located 7 Miles South of Tamaqua, 1 Mile North Of Snyders On Route 309, Travel West 2 Miles Of Route 309 On Zions Stone Church Valley Road, Schuylkill Co., Pa.
Look For Auction Signs
Items- Ford 3000 diesel tractor wide front; front weights; cyl. outlets very good condition, 2- Int. BN tractors, 1 with 2 row cultivator, 1 row pto potato digger, Ford 3 pt. rear mount scraper blades, Ford 3 pt. pto., rotary mower, 2 wheel trailer, 3 pt. rear boom, 2 row transplanter, 3 pt. 2 row cultivator, 3 pt. 16 inch Oliver mounted plow, 100 gal. fiberglass tank pto. trailer type sprayer, 2 air compressors, battery charger, hydraulic jack, hand and garden tools, chicken crates, beamy scale, dry measurers, meat hooks, butcher stone with kettle, ext. cords, chains, step and extension ladders, butcher box, floor jack, barb wire, creeper, bench grinder, electric motors, ropes, butcher tables, anvil, electric welder, chicken plucker, electric meat grinder, flat irons, welding iron, hanging market scale, butcher fork, block and tackle, 2 chicken range houses, lots of roof slate, spinner type power mower, lawn roller, Case ground drive manure spreader, asst. lumber, spray material, 55 gal. drums, Gehl pto. driven feed grinder, belt saw buck, 3 section spring tooth harrow, 2 row pullrow maker, Ford 2 row 3 pt. corn planter with fiberglass fertilizer boxes, burlap bags, asst. new lumber, 2-cast iron water troughs, wheel barrow, cow chains, 2-hole corn sheller, approx. 3 ton chestnut coal, Gilson 16 H.P. yard tractor with rotary mower (like new).
Trucks- 1977 Dodge 1/2 ton pickup V8 auto. P.S. P.B. with camper top, 1968 Int. dual wheel 6 cyl. standard shift, 12 ft. flat body truck 7,000 GVW.
Many other items too numerous to mention.
Terms- Cash or Acceptable check. No Out of State Checks Accepted.
Not Responsible In Case Of Accidents.
Estate Of:
JENNIE BACHMAN
Executors:
 Pearl M. Schock and Ernest D. Ziegler
Attorney:
 James R. Manovic
 Jim Thorpe, Pa.
Auctioneer:
 Robert A. Arner
 Route 2- Box 216
 New Ringgold, Pa. 17960
 Phone 717-386-4586
 Pa. License No. AU-000024-L
Refreshments

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT NOV 21 - 10AM Furniture & HH Delores Smals, 507 N Marshall Street, Ranson, WV Edgar A Bohrer, Auct

SAT NOV 21 - 10:30AM Consignment Horse Sale at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi E of Middleburg, PA, 5 mi W of Selinsgrove, PA Don & Walt Keister, Owners

SAT NOV 21 - 11AM Farm Machinery, Hay, Silage, Grain, Farm Mach For John Muentener, Sunset Rd., 12 mi off Rt 206, Harlingen, NJ, 6 mi N of Princeton, NJ, 15 mi S of Rt 78, use Rt 78 to 287-S to 206-S, NJ Tpk Exit 7 to Rt 206-N Col Fred R Daniel Aucts Inc

SAT NOV 21 - 11AM, 5 Acre Farmette For Sandy & Gail Alderfer, 635 Cowpath Rd, Telford, PA Sanford Alderfer Auct Co.

SAT NOV 21 - 11AM Commercial Real Estate. Total Image, 1/4 mi N of Smyrna, DE Next to Duck Creek Antiques Rudnick Assoc, Aucts

SAT NOV 21 - 11AM Restaurant Eq Former P.N. G's Restaurant at 6th & Division Streets, near Uptown Plaza, Hbg, PA Kerry Pae Aucts

SAT NOV 21 - 11AM Franklin Gay Lumbering Eq. Auction Campbell, Steuben Co, NY Wolf Run Rd, 1 1/2 mi off Rt 415 between Savona and Campbell Mr Franklin Gay, Owner Pirrung Aucts Inc

SAT NOV 21 - 11AM Car-Jan-Al Farm Cattle & Machinery 1 mi N of Rt 66

on Reed Rd between Chatham Center & Maiden Bndge, NY, 20 mi E of Albany, NY By Carl Schulerud D Luther, Auct

SAT NOV 21 - 11AM Farm Machinery. From Rt 309 at Queen Anne, MD, take alternate 404 W 1/2 mi to sale site Robert L Wood, Owner Joe Jackson Jr, Auct.

SAT NOV 21 - 11AM Farm Eq & Trucks. 896, 4 mi N of Middletown, Del. Across from Summitt Aviation. Fred C Yaiser, Owner C T Scuse & Sons, Aucts.

SAT NOV 21 - 1PM 85 Acre Modern Dairy Farm Rt 322, 1 mi W of Ephrata turn N on Durlach Rd, 2 mi to Durlach At cross-

road turn right to first farm on right, Clay Twp, Lanc Co, PA By Ray P & Geraldine Bollinger Paul E & John D Stauffer, Aucts

SAT NOV 21 - 1PM 85 Acre Dairy Farm Rt 322, 2 mi W of Ephrata Take Durlach Rd N 2 mi to farm on right Ray P & Geraldine Bollinger, Owners Paul E Martin & John D Stauffer, Aucts

MON NOV 23 - 9AM Surplus, Vehicles, Eq. & Material For Rogers Mechanical Co., 135 E. Hancock St (Off S. Broad St), Lansdale, PA, Montg Co 4 mi from Lansdale Inter PA Tpk. Sanford Alderfer Auct. Co

MON NOV 23 - 10:30AM Farm Eq., Milk Eq. From 301 take 213 N. 1 mi. to Rt 18, turn left and then right on Hibernia Rd. to stop sign, turn Rt. 1st farm on left Meadowbrook Partnerships, Richard Dixon Sr. & Jr. Harry Rudnick & Sons

PUBLIC AUCTION

Friday, November 27, 1987

9 a.m.

Estate of William Wascher

Located Route 30 west of York, PA, to Route 616 south, go approx. 2 mi., turn left onto New Salem Road to sale on right 1 mile. Watch for signs.

Continuation of sale from Saturday, November 14. Large assortment of glassware including cut, pressed and depression, kerosene lamps, etc.

Terms: Cash or good check.

Rentzel's Auction Service

Blaine, Nevin, Ed
#761 #2483 #2331
717-764-6412

Executor: Bob Ruth
Attorney: Albert Blakey

140 ACRE DAIRY FARM AUCTION

Located 1 1/2 miles east of Goshen, IN on SR 4.

SATURDAY, NOVEMBER 28, 1987

Starting at 10 o'clock

PARCEL 1 — 68.5 ACRES



Roomy 5 bedroom farm house with modern oak kitchen, hot water heat, detached 2 car garage.

Modern dairy barn, 71 freestalls, Surge 5 stall milking parlor, milk house like new.

Adequate room for heifers for dairy operation.

Feed storage - 20'x80' & 16'x60' poured concrete silos; 5000 bushel Brock drying bin, stirrator.

Manure storage - 50'x12' poured concrete manure pit.

Implement storage - 40'x80' metal implement building.

Veal barn - 2 story modern veal raising barn with attached like new 24'x24' feed room, barn contains 290 wooden raised crates.

PARCEL 2 — 71.5 ACRES

Older barn & shed are only improvements.

Approximately 95% tillable high quality farm land.

TERMS: These parcels will be offered as listed, subject to confirmation by owners. 10% earnest money deposit day of sale. Balance at closing March 1, 1988.

OWNER FINANCING AVAILABLE BY PRIOR WRITTEN APPROVAL
Announcements made sale day take precedence over printed matter.

JOHN O. & MILLIE RUTH MILLER, Owners
533-8407

CALL FOR MORE INFORMATION
VISION REALTY 862-2145

Leroy Yoder 219-825-5013
Bob Moore 633-4897

Orle Miller 331-2543
Dale Nunemaker 875-6794

Inc.

MON NOV 23 - 3PM United States Coins, Stamps & Franklin Mint Medals. Southern Manheim Twp. Fire Hall, 1396 Orchard St (corner of Fruitville Pike & Orchard St) Lancaster, PA Terms by T Glenn Horst & Son Inc (Agent for Owners). T Glenn & Timothy G Horst, Aucts

TUES NOV 24 - 9AM Farm Eq., Shop Tools,

Office Eq., Trucks. McCrillis Farm Supply, Lincolnville, RD3, Union City, PA. 25 mi. NE of Meadville, PA, off Rt 77 at Riceville turn W. or S. of Union City on Rt. 8 turn W at Riceville, North-western, PA Blaine Rentzel, Auct

TUES NOV 24 - 11AM Glacier River Farm Dispersal, 80 Reg Holteins, Farm Mach. 2670 Rt. 350, 2 mi. N. of Rt. 31, 2 mi S. of Rt 441, 2 1/2 mi. SW of village

of Walworth, NY, 15 mi. E. of Rochester, NY. Howard & Kathy Harrison, Owners. Harris Wilcox Inc., Aucts.

TUES NOV 24 - 6PM Real Estate 3.8 Acre Country Setting. Take Rt. 422 W

from Sinking Spring to Weaver's Farm Mkt. Turn left onto Krick Lane. Turn left onto Lincoln Dr. Turn right onto Wernersville Rd. Bear right onto Belle Alto Rd. Property 317 Belle Alto

PUBLIC SALE

OF REAL ESTATE

Saturday, November 28, 1987

11:30 a.m.

150 Acre Farm located in Metal Twp., Franklin Co., PA. Just north of the village of Fannettsburg, along PA Rt. 75 and 3 mi. south of Exit 14 of the PA Tnpk.

Containing 150 acres of which 95 acres tillable, 50 acres is woodland, 5 acres surrounding the buildings. Farm ground is limestone, sandstone and gravel and is now in an excellent state of production. This farm being known as the Mary Shaner farm. The improvements consists of 2 1/2 story stone house w/2 story frame ell built on the rear. First floor has entry foyer, LR w/fireplace, w/w carpet, family with w/w carpet and kitchen w/vinyl floor. Second floor has 3BR and bath. There is a concreted basement, oil/hot water heat, front and rear porches. Implement shed is a separate building having room for several implements. A further detailed description of this real estate is recorded in Franklin Co. deed book Vol. 607 Page 817 in the name of Mary Shaner and the address is 11481 Path Valley Road, Fannettsburg, PA. TERMS: 5% down and balance in 30 days. Further terms will be given on day of sale.

Seller reserves the right to accept or reject any or all bids. For inspection of property, call 717-349-2313 or 717-349-2656 for appointment.

Trust Department
of Valley Bank

John McD Sharp, Attorney

Auctioneer: James Speer
AU000-876-L

Owners and auctioneer not responsible for accidents on day of sale. AUCTIONEER'S NOTE: This property must be seen to be appreciated. House has a lot of potential and farm ground is good.

PUBLIC SALE OF REAL ESTATE, ANTIQUES & HOUSEHOLD GOODS

Hinkletown

THURSDAY (THANKSGIVING DAY),
NOVEMBER 26, 1987

9 A.M.

Real Estate At 2 P.M.

Located along Rt. 322, Hinkletown (between Ephrata & Hinkletown) Lancaster Co., PA.

2 1/2 Story Dwelling

2-CAR FRAME GARAGE, workshop. Brooder house.

Grained Dry Sink (Low); Oak Bedroom Suites (High Top Beds); Oak Ext. Table; Oak Sideboard; Oak Icebox; Oak Parlor Tables; Oak Rockers; Walnut Cradle; Blanket Chest; Piano; Cedar Chest; Fernery; Porch Rockers; Clothes Tree; Wringer Washer; 40" stove; Mantel Clock; Kerosene Heater; Large Post Light.

Gone-With-Wind Light; Painted Shade Tiffany-Type Light; Rayo Light; Bracket Light; Frames (Gilded - Deep Well); Baskets; Coke Thermometer; Wooden Barrels; Slaw Boards; Pie Shovel.

6-PC. CHINA TOILET SET.

IRONSTONE CHINA - Teapot & many Other Pcs.; Yellowware; Pressed & Patterned Peanut Butter Glasses; Crocks & Jugs (some w/blue markings); Demijohn; Butcher Pan; Ladles & Strainer; Cast-Iron Teakettle; Apple Peeler; Frypans.

LINENS: ANTIQUE & New Quilts; Linen Tablecloth, Homespun; Fancywork; Counterpanes; Wool Spread; Rag Carpet; Braided & Hooked Rugs; Antique Clothing; Beaded Purse; Sewing Baskets; Antique Paper Box; Tin Photos; Daguerreotypes; Pocket Watches.

Books: Ephrata (1858). Toys: Antique Tin Train & Car; Child's Trunk; ANTIQUE CHILD'S ROCKING HORSE.

TOOLS - Scalding Trough; Corn Sheller; Trailer; Wooden Measures; Meat Grinder.

GUNS - .22 Remington Model 511 Rifle w/ Scope; .22 Rifle Octagon Barrel; .22 Rifle Firearms International Corp. (Break Down Model).

Terms by

MARY I. WANNER
354-9137

Auctioneers

T. Glenn Horst, AU438L

Timothy G. Horst

717-859-1334 — 717-738-1245

No out-of-state checks

SHORT
NOTICE

PUBLIC SALE OF REAL ESTATE

SHORT
NOTICE

APPROX. 58 ACRE LIMESTONE HOG/BEEF FARM

SATURDAY, NOVEMBER 28, 1987

1:00 P.M.

Location: Cumberland Co., Penn Township, Pa. Midway between Carlisle and Shippenburg. From I81 take Newville Exit, go south on Rt. 233 to Rt. 174. Follow Rt. 174 West approx. 2 miles to sale. Sale signs posted day of sale.

REAL ESTATE

Approx. 58 Acres of limestone soil, approx. 50 A. tillable, 7 A. pasture with stream. Bank Barn with 2 Bays

2 1/2 STORY STONE DWELLING

1st Floor- Large modern kitchen, Large family room.

2nd Floor- 3 bedrooms, full bath, laundry.

This dwelling is complete with full basement, combination wood/coal/oil Huskie furnace, & drilled well (never failed).

Terms: 10% down day of sale. Final settlement on or before Jan. 5, '88. More information given day of sale.

For inspection or information call (717) 776-5054.

Conducted by:
Sensenig Auctioneering
Ph. 776-5054/532-9160
Lic.#-AU-001803-L
AA-000926-L

Sale by:

DONALD KEITER
Newville, Pa.

Atty.-Forest Myers
Shipp., Pa.

Not Responsible For Accidents
This Is Only For Advertising Purposes.

Public Auction Register

HAY, STRAW AND GRAIN AUCTION
EVERY WEDNESDAY
AT 12:00 NOON
AT GOOD'S AUCTION
 111 NORTH MAPLE AVE.
 LEOLA, PA 17540

NO OUT OF STATE CHECKS
 NO MACHINERY SALES TILL FEBRUARY
 A.H.#000014-L

PUBLIC SALE
-CARPENTRY CONTRACTOR-
FULL LINE OF SHOP
EQUIPMENT-HAND TOOLS-
GARDEN TRACTOR, ETC.

THURSDAY,
NOVEMBER 26, 1987
 (THANKSGIVING) At 8:30 A.M. Sharp!
 Due to the passing of husband will have Public Sale on the premises located 4 miles South of Dillsburg or 20 miles North of York on Route #74 to Mt. Top Road thence West 1/2 mile to sale in Washington TWP, York County, PA (Sale Signs Posted).

EQUIPMENT & TOOLS
 Powercraft 230 Amp. Arc Welder w/rods & attachments; Livingston Hi-pressure washer; Nice Dewalt Radial Arm Saw; 2 9" Table Saws, 1 Rockwell & 1 Tomlee; 2 Planers, 1 a 6" Shopmaster & 1 4"; NOTE: All equipment operational with motors. Acetylene outfit; 2 Sets of Welding tanks; "B" tank; 2 Reciprocating Saws, Weir & Nakita; Hand Power Saws including Rockwell & Skil; 4 Belt Sanders; Sabre Saw; 2 Routers; B&D & Craftsman; 2 Elec. Planers; Staple Gun; B & D Mortising kit; Drill Press; 10 Elec. Drills, 1/4 to 3/8 inches; New Power stud driver; 1/2" Air wrench; Air impact tool; 1-Ton chain hoist; Remington 16" chain saw; Paint spraying outfit; Bit sharpener; H.D. Salamander; 2 Coleman heatmaster; 2 Rubber tire metal wheelbarrows; 3 Come-alongs, 1 a H.D.; Floor stands; Motorized grindstone; 120 gal. gas tank w/pump; 40 gal. oil tank w/pump; Asbestos cutter; Soldering guns; Chains; 2 Hydraulic jacks; 2 Tap & Die sets; Pipe threader; Torque wrench, new; Plumbing supplies and equipment; Electrical panels including meter & breaker boxes; Electrical fixtures; Tool Boxes; Propane torches; 6" Vise; 15 Planes of various sizes; Staplers; Many clamps including: Sentry, "C", Bars, etc; Many socket sets 1/4 & 1/2" drives, standard & deepwell; Ratchets, flex, etc.; Many wrenches including sets, box & open ends, crescents, pipe, etc.; Braces & bits; Wood & metal bits; Chisels; Masonry tools; Hand & Mitre saws; Many trailers & electric cords; Trouble lites; Tapes, 6' to 100'; Hammers, all types and weights; Furrelling tools; Rules; 8 Levels, 2' to 6'; Bolt cutters; Crowbars; 100's of small tools, files, handles, nail sets, punches, etc.; Many nails, bolts & screws; 3 Work benches; Paint; Parts bins;

OTHER EQUIPMENT, ETC.

David Bradley, 2 Wheel garden tractor w/blade & attachments; 4-Drawer file cabinet; Utility cabinets; Step stools; Hedge trimmers & clippers; Large amount of lumber; Ladders including, shifting, step & straight; 1 Tractor fork-bucket; 2 Televisions, 1 color & 1 B&W; Washtubs; 5 Boxes floor tile; Shoe laste & stand; Perfection woodstove; Refrigerator; Wood planes plus 1000's of items too numerous to mention.

NOTE: THIS IS ONE OF THE MOST COMPLETE SHOPS TO BE OFFERED IN A LONG TIME. ALL EQUIPMENT IS CLEAN, OPERABLE AND WELL CARED FOR.

Terms: Cash, Travelers, Cashier or Personal checks with approval.

No inspection until day of sale. Not responsible for accidents at sale.

LORETTA J. YOHE,
 Owner
 116 Mt. Top Road
 Wellsville, PA

CLAIR R. SLAYBAUGH, Auctioneer
 Idaville, PA PA Lic. #856L
 Phone: 717-677-7479

Rd., South Heidelberg Twp., Berks Co. Terms by: David & Marlene Weaver. Kline & Kreider Auctions.

WED. NOV. 25 - 11AM
 Farm Machinery, Farm Related Items. Along West Newport Rd, in village of Elm, PA. From Lititz, PA,

take Rt 501 N. 1 mi. turn W onto Newport Rd. and continue to site. For: Arlington & Marion B Miller. J Omar Landis Auct Serv Jay M Witman

WED NOV. 25 - 12 Noon
 RD1, Thompsonstown, Juniata Co, PA Complete

PUBLIC AUCTION

FARM EQUIPMENT - SHOP TOOLS
OFFICE EQUIPMENT - TRUCKS

TUESDAY, NOVEMBER 24, 1987
9:00 A.M.

"McCRILLIS FARM SUPPLY"

LINCOLNVILLE
 R.D. 3, UNION CITY, PA 16438
 Phone 814/694-2011

LOCATED: 25 Miles N.E. of Meadville, PA off Rt. 77 at Riceville turn west or south of Union City on Rt. 8 turn west at Riceville, "Watch for Signs". Northwestern, PA.

NOTE: McCrillis Farm Supply is discontinuing business after 38 years of business & will sell to the highest bidder all remaining equipment, parts, trucks, office equipment, etc. They were dealers for Ferguson, Massey Ferguson, Deutz Allis, Gehl, New Holland & New Idea.

NEW TRACTORS & EQUIPMENT

Massey Ferguson 1010 Tractor w/2 Wheel Drive - Turf Tires, Manual Trans. Equipment w/a 54" Mid Mid Mower, Massey Ferguson - 1010-4 Wheel Drive w/Ag-Tires-Manual Trans. Massey Ferguson 1020-4 Wheel Drive w/ Turf Tires, 12 Speed Manual Trans, Massey Ferguson 1040-4 Wheel Drive w/Ag Tires - 12 Speed Manual Tires, Walsh 300 gal. Trailer Sprayer w/Pump - Booms & Fiberglass Tank, Century 125 gal. 3 pt. Sprayer w/Pump - Booms & Fiberglass Tank, 3 pt. Rear Scraper Blades 5-6-7-ft., Massey Ferguson Tillers for Lawn & Garden Tractors, New 8-12&14 Ton Wagons, Tractor Chains, 3 pt. Fertilizer Spreaders, Round Bale Feeders, Unicom Log Splitter.

USED EQUIPMENT

TRACTORS Int. Farmall 656 Diesel, 3 pt., Wide Front; Ford 821 Fork Lift; Int. 3300B Skid Loader; M.F. 205 - 2 Wheel Drive - 362 Hrs.; Parts Tractor - MF 85 Gas - MF 40 & 65, New Idea- 212 & 213's; J.D. 34 - Int. 550

BALERS - HAYBINES - PICKERS & DRILL

New Holland Balers - 268 - 269 w/Throwers, Int. 440 Baler w/Thrower, Massey Ferguson Balers #3 & #9, J.D. 24T w/ Thrower, New Holland 479 - New Holland 488 - New Holland 56 Roto Rake, New Idea 325 - 2 Row Narrow w/Super Sheller, New Idea 323 - 1 Row Picker, Tye No-Till Drill, New Holland 273 Baler for Parts.

Farr 17 ft. Tedder, Kuhn 13 ft. Tedder, Kuhn 1 Row 3 pt Harvester, Case 12 ft. Transplanter Disc, Gehl Blowers Model 87-88, A C 2 Bottom Plow, 3 pt 2 Bottom Plow, Int. 350 Harvester, MF 4x16 - 3 pt Plow, New Idea 279 Conditioner, Woods 5 ft 3 pt. Rotary Mower, Walsh Pull Type Sprayer, M.F. Grain Drill, Roll Bar for Int 574 Tractor, Sun Master Flail Mower, M.F. 3 pt. Sickle Mower, DMC Grain Cleaner w/Auger, M&W Dual Wheels, Deutz & Massey Ferguson Wheel Weights, Pilot Fork & Manure Bucket for Skid Loader, New Fenders for M.F. 265 - 275 Tractors. New Parts for M.F., Gehl, Deutz, New Idea, Etc., M.F. Seed Corn Plate Tester, Spreader Webb Belt Pulley, Plow Parts, Shovels, Clevis, Grease, Rakes, Hoes, Hydraulic Cylinders, Nails, Bolts & Bolt Bins, V Belts, Gloves, Saw Blades, Clamps, Pipe Fittings

TRUCKS

1982 GMC w/Henderson 23 ft. Roll Back - Deutz Diesel Motor, 2 Speed Rear w/5 Speed Trans., 27,500 G V W, 1977 Ford 350 - 1 Ton w/Stake Bed

SHOP EQUIPMENT & OFFICE

Acetylene Torch, Electric Welder, Anvil, Valve Grnder (Seat & Valve Refacer), 50 Ton Hydraulic Press, Hydraulic Jacks, 5 Hp. Air Compressor, M&W Dynamometer, Bench Grnder, 1/2" Socket Set, Hydraulic Testing Equip., Couplermatic Hose Machine & Couplings, Jack Stands, Shop Crane w/Chain Hoist, Shop Crane - Hydraulic, Motor Stand, Battery Charger, Air Impact Wrenches, Air Paint Guns, Injector Tester, Tap & Die Set, Time Clock, Water Cooler, Special M.F. & Deutz Tools, Power Band & Hack Saw, R.R. Jacks, Manual (Shop & Parts) M.F., New Holland, Deutz Allis, Gehl, Etc., Micro Fish & Cards, Panasonic VCR & TV, Desks & Desk Chairs, Tire Changer, Calcium Tire Pump, Steam Jenny, Pressure Washer, Side Grnder, & many items not mentioned!

ORDER OF SALE: New Hardware, Shop Equipment & Office Equipment, Parts, Machinery, Tractors, Trucks

TERMS: CASH OR GOOD CHECK.
 OUT OF STATE BUYERS MUST HAVE BANK LETTER OF CREDIT!

McCRILLIS FARM SUPPLY

Lincolnvillle
 R.D. #3 Union City, PA
 Ph. - 814-694-2011
 814-694-3721

AUCTIONEER:

Blaine N. Rentzel
 Emigsville, PA
 717-764-6412
 PA Lic #761



Dairy Herd Dispersal of Donald & Judy Sieber, Owners Kling's Auction Serv

THURS. NOV. 26 - 8:30AM
 Shop Eq, Hand Tools, Garden Tractor, etc. 4 mis S of Dillsburg or 20 mis. N of York on Rt 74 to Mt. Top Rd thence W. 1/2 mi. to sale in Washington Twp., York Co., PA Loretta J Yohe, Owner Clair R Slaybaugh, Auct

THURS. NOV 26 - 9AM
 Real Estate, Antiques, HH

Along Rt. 322, Hinkletown (between Ephrata & Hinkletown), Lanc. Co., PA Terms by: Mary I Wanner T. Glenn & Timothy G. Horst, Aucts

THURS NOV 26 - 9:30AM
 Farm Eq, Antiques, Collectibles Schwaben Creek Valley along Pitman to Red Cross Rd. in village of Leck Kill, Northumberland Co., PA, 3 mis. W of Rt. 125 and 8 mis E of Rt. 225. Darwin P Schreffler, Owner. Mike & George Deibert, Aucts

THURS. NOV. 26 - 4PM
 Jersey Shore Livestock Auction, Jersey Shore, PA, S. of Jersey Shore on Rt 44.

FRI NOV. 27 - 9AM
 Antiques, Artwork, 40+ Pc. Majolica Collection, Teapot Collection, Old Teddy Bears & Rocking Horses, Player Piano, Drums, etc. For: Richard K. Brown, et al At Alderfer Auction Center, 501 Fairgrounds Rd., Hatfield, PA. Sanford Alderfer Auct Co.



ESTATE FARM SALE

SATURDAY, NOVEMBER 28, 1987
 starting time 9:30 a.m.

To be held at the Miller farm, located 4 miles south of Sunbury, following Rt. 890 to Augustaville, there turn west at Dornisfe sign, go to stop sign, turn left and proceed for 1/2 mile or first dirt road right. (Watch for sale sign).

SELLING REAL ESTATE
FARM MACHINERY & FARM RELATED ITEMS
HOUSEHOLD FURNISHINGS
FARM REAL ESTATE

Real Estate consists of a farm of approximately 123 acres with approximately 70 fertile tillable acres, (some fields 1/2 mile long). Improvements include a 34x66 ft. bank barn with 10x35 cement stave silo, setup for steers. A frame dwelling with large kitchen, living room, full bath on first floor, an open stairway leading to 4 spacious bedrooms and a storage room. A large basement which houses a new oil fired hot water heater with tempering tank for domestic hot water, all copper piping. Attached is a side porch, a large carport. There are numerous out buildings including a pole shed away from major buildings. Buildings are in good state of repair. A well supplies abundant water supply. This is an interesting and desirable piece of real estate, a kind of hide-a-way farm home and yet affords a panoramic view which is almost unmatched, and must be seen to be fully appreciated. Located in Rockfellow Twp., Northumberland Co. and recorded in Sunbury Court House, Deed Book 286, Page 184.

TERMS: 10% Down, Settlement and possession in 30 days.

For inspection contact any person listed below.

REAL ESTATE TO BE SOLD AT 12:30.



FARM MACHINERY

M.F. 275 Diesel Tractor with Front Weights (1600 hrs.); M.F. 4-16" 3 P.T. Plow; Farmall H Tractor; 12' Spring Tooth Harrow; 10' Single Cultipacker; IH #510 13 Single Disc Grain Drill; 2 Row IH Trailing Corn Planter; 200 Gal. Huskie Field Sprayer with P.T.O. Centrifugal Pump; Calhoun Trailer Fertilizer or Lime Power Spreader with P.T.O.; N.H. 469 Haybine; N.H. 56 Rolar Bar Rake; 8x16 Bale Wagon; 8x16 Flatbed Wagon; 32' Mayrath Elevator with Motor or P.T.O.; N.H. 717 forage Harvester with Row Head; N.H. 25 Whirl-A-Feed Blower and Pipe; 3 Beater Badger Forage Wagon on 10.00 Tires; N.I. 310 1 Row Corn Picker; Schultz Direct Cut P.T.O. Flail Chopper; Heavy Duty 8' 3 pt. Blade; 2 Wheel Trailer; Case 1530 Skid Steer with Bucket and Manure Forks (Newly Overhauled); M.F. Manure Spreader; IH Loadstar 160 Truck with 8x12 Bed with Farm Permit.

FARM TOOLS AND RELATED ITEMS

Super XL Chain Saw; Homelite ST 185 Weedeater and Brush Cutter; 36' Aluminum Ladder; 8' Step Ladder; Bench Grinder; Bench Vise; Skill Saw; 36" Bolt Cutter; Chains; Load Binders; Sledge Hammer; Can't Hook; 2 Man Saw; Gear Lube Pump; Oil Cans; Barrels; Wood Pulleys; 1" Hay Rope; Axes; Post Hole Digger; Heavy Duty Jack; Misc. Hand Tools; Lawn and Garden Tools; Berry Crates; Chicken Crates; 4 Rolls Cattle Fencing; Plus Misc. Items.

MACHINERY AND OTHER ITEMS IN GOOD CONDITION

HOUSEHOLD FURNISHINGS

Maytag Automatic Washer; Maytag Auto Dryer; Home Comfort Coal and Gas Combination Cook Stove; Dinette with 6 Chairs; White and Chrome Dinette Table; Hoover Sweeper; Lawn Chairs; Double Metal Bed; Floor Lamps; Wash Tubs; Misc. Household Items.

ANTIQUES AND COLLECTIBLES

2 Oak Extension Tables; Wood Box; Lantern; Wooden Bucket; Small Pot Belly Stove; Milk Cans.

TERMS: Cash or PA Check (Provide ID for Buyer #)

Owner or Auctioneer not responsible in case of accident.

SALE ORDER: Farm Tools & Items, Household, Farm Machinery.

ESTATE OF
MYRTLE V. MILLER

EXECUTOR, NORMAN P. MILLER
 R.D.#2, Box 123, Sunbury, PA 17801,
 (717) 286-9566

Attorney John A. Carpenter
 1070 Market St., Sunbury, PA 17801,
 (717) 286-6478

Earl Eash, Auctioneer AU00244L-
 717-966-2569

Bill Mattern, Auctioneer AU002260-
 717-966-2722

Lunch

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

FRI. NOV. 27 - 1PM 2 Complete Milking Herds. At Kish Valley Dairy Sales, corner

of Walnut St. & Front Mountain Rd., Belleville, PA. Bryan D. Imes, Auct.

FRI. NOV 27 - 5:30PM HH, Antiques, Tools at Gap Auction near the Town Clock opposite the Minit Market in Gap, PA. Ira & Dale Stoltzfus & Luke Witman Aucts.

SAT. NOV. 28 - 9AM Real Estate, Tractors, Farm Eq.

Tools, Truck, Straw, Hay, Grain. 539 Batts Switch Rd., Belfast, PA. Midway between Windgap and Belfast turn E. off Sullivan Trail onto Batts Switch Rd. By: Mr. & Mrs. Newton Moyer. Wil Hahn Auct. Co.

SAT. NOV. 28 - 9:30AM Real Estate, Farm Machinery, HH Miller farm, 4 mis.

S. of Sunbury, following Rt. 896 to Augustaville, there turn W. at Dornsife sign, go to stop sign, turn left and proceed for 1/4 mi. or first dirt road right. Estate of Myrtle V. Miller. Earl Eash & Bill Mattern, Aucts.

SAT. NOV. 28 - 9:30AM Woodworking Machinery & Hand Tools 32 Galen Hall

Rd. rear, Reinholds, PA. Take Galen Hall Rd. from Rt. 897 at Reinholds Fire Hall take driveway at sale sign to sale. By: Leroy & Sylvia Martzell. H.H. Leid Auct. Serv.

SAT. NOV. 28 - 10AM Real Estate, Antiques, HH. Take Rt. 30 to Strasburg square, take May Post Office Road approx. 5 mi. turn E. on White Oak Road. Turn N. on Summit Hill Rd. Approx. 1/4 mi. to sale Terms by

Marion B. Mowrer, Kreider, Kline & Good, Aucts.

SAT. NOV. 28 - 10AM 140 Acre Dairy Farm. 1 1/2 mis E. of Goshen, IN, on SR 4 John O & Millie Ruth Miller, Owners.

SAT. NOV. 28 - 10:30AM Consignment Horse Sale at Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis E. of Middleburg, PA, 5 mis W. of Selinsgrove, PA. Don & Walt Keister, Owners



PUBLIC AUCTION THURSDAY, NOVEMBER 26, 1987

9:30 A.M.

Schwaben Creek Valley along the Pitman to Red Cross Road in the Village of Leck Kill, Northumberland County, Pa. 3 miles West of Rt. 125 and 8 miles East of Rt. 225.

FARM EQUIPMENT

Farmall H Tractor w/Weights; Front-end Loader for H or M w/Blade; Belle City Single-row Corn Husker; N.H. Hayliner 68 Baler; N.H. 401 Hay Crimper; Ontario 13x8 Hoe Drill; N.I. Double Spinner Spreader; 26' Mulkey Bale Elevator w/HD Motor; 20' Harvest Handler Aluminum Grain Elevator; Int. 2-Row Corn Planter; Corn Stalk Shredder; M.F. 3-Pt. 3x14 Plow; (2) Int. 2x14 Trailer Plows; N.I. Side Delivery Rake on Steel; M.F. 3-Pt. Cultivator for H; 10 Ft. 3-Pt. Harrow; Fan-type Weed Sprayer; 8' Cultipacker; 7' Disk; 3-Section Harrow; Farm Trailers; (2) Utility Trailers w/Wooden Boxes; Tractor Chains; (3) 8-Hole & (1) 4-Hole Hog Feeders; Animal Traps; Log Chains; Rolls of Fence Wire; Fence Insulators; Wooden Fence Stakes; (4) Range Shelters; Burlap Bags; Egg Washer; Chicken Feeders; Brooder Stove; Electric Cream Separator; Egg Baskets; Potato Shovel; Stone Fork, etc.; Rotary Riding Mowers & Reel-type Mower; Scrap Iron; many other items.

ANTIQUES & COLLECTIBLES

Potato Plow; Horse Plow; approximately (15) Cast Iron Hog Troughs; Grain Cradle; Coal Buckets; Wooden Pulleys; Hay Hooks; Straw Knives; Butcher Block; Butcher Kettle; (2) Sausage Stuffers; Meat Grinder; Butcher Fork & Ladle; Crocks; Milking Stool; Doll Cradle; Small Dove-tailed Chest; FARMALL CAST PEDAL TRACTOR; Metal Hand Wagons; Bicycles; etc.

Owner Retired. If you are looking for clean well kept equipment, you will plan now to attend this sale. Come early, not many small items.

DARWIN P. SCHREFFLER, Owner

DEIBERT MIKE, AUCTIONEER AU1599-L (717) 425-3313
GEORGE, REALTOR & AUCTIONEER AU209-L

FARMERSVILLE AUCTION

TUESDAY, NOV. 24, 1987
1:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Houselot from West Reading, plus additions: Antiques: 85"x48" 2 pc. corner cupboard w/12 lights & panel bottom door; painted stock bookcase (as is); barrel back chairs w/ ball & claw feet; 2 small bucket benches; oak filing cabinet; large table model Philco radio; Empire bureau; floor model radio; painted oak bookcase, 2 blanket chests; walnut 1 drawer washstand; twin mah. beds; wrought iron floor lamp; drum table; horsehair East Lake sofa & chairs; fancy oak library table; Windsor type chair; depression bedroom suite; hurricane lamp; etc.

Also: Maytag wringer washer w/square alum. tub like new; single & double box springs & mattresses & beds; metal filing cabinet; small items; box lots; dress material from Zimmerman's Dry Goods, Hahnstown, going out of business, etc. See Lanc. Newspaper Sat., Nov. 21 for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L

P.S. STARTING AT 1:00 P.M. WE WILL BE SELLING WITH 2 AUCTIONEERS, ONE WITH GROCERIES, ONE WITH THE USUAL SMALL ITEMS.

PUBLIC SALE

SATURDAY, NOV. 28, 1987

AT 32 GALEN HALL ROAD NEAR REINHOLDS PA. TAKE GALEN HALL ROAD FROM ROUTE 897 AT REINHOLDS FIRE HALL TAKE DRIVE WAY AT SALE SIGN TO SALE.

WOOD WORKING MACHINERY AND HAND TOOLS CONSISTS OF DRILL press with mortising attachment; saw setter; jointer; shaper; route, bench grinder; lathe and hand tools; sanders; clamps, circular saw; vises; 12 foot siding cutter; large levels; drills; slate cutter and fish, ladder and roof jacks; 28 and 32 extension ladders; wooden vise; 22 in. copper flashing; wheel barrow; lot of hand tools; 16 H.P. FORD TRACTOR WITH mower, rototiller and snow blade- in good condition; household goods, 2 piece living room suite; carpet back platform rocker; cane seat and plank bottom chairs; antique roll top desk, lanterns; wash boiler; wash stand; elec. adding machine; book of knowledge encyclopedia, BERGER transient and level, 1968 CHEV. 4 door sedan, and much much more; lunch stand, SALE AT 9:30 A.M. tools and machinery sold first.

SALE ORDERED BY
LEROY AND SYLVIA MARTZELL
H.H. LEID AUCTION SERVICE,
AU-000-535-L

AUCTION

ANTIQUES, ARTWORK, 40+ PC. MAJOLICA COLLECTION, TEAPOT COLLECTION, OLD TEDDY BEARS & ROCKING HORSES, PLAYER PIANO, DRUMS, 1983 4 DR. FORD FAIRMONT FUTURA
FOR: **RICHARD K. BROWN, et. al.**

AT: Alderfer Auction Center, 501 Fairgrounds Rd., Hatfield, PA

FRIDAY, NOVEMBER 27, 1987 9:00 A.M.

Inspection - 7:00 A.M. day of Auction. Majolica to be sold at 11:00 A.M., followed by Teddy Bears, Rocking Horses & Furniture

ANTIQUES & FURNISHINGS - 12 pc. Chinese Chippendale dining room suite incl. breakfront, 9x12 Chinese oriental rug, contemporary sofa, chairs, office desk & credenza, carved wooden camel table, drop end & coffee tables, bookshelves, antique caned seat rocker & chair, printers tray, occ. chairs, sofas, lamps, rattan type chairs, Sanyo stereo; king, single and bunk beds, dbl. dresser, cont. breakfast set. GLASSWARE - German stein, Staffordshire type dog & owl, Lustre teapot, cup & saucer, Limoge gold band dishes; TRAIN COLLECTION - American Flyer train set N gauge, New Haven engines #495 & 494, Columbus,

Hamilton, Jefferson & Washington cars also misc. access.

PLAYER PIANO - Pianola Player, solid oak case (like new).

ART - John L. Eastman III, signed and dated; Carolyn Jablonski signed Litho artists proof, signed and numbered, Duck Stamp print - Justin Young 1976, Ducks Unlimited print, Oil on canvas portraits (York Co.); "El Cid" by Salvador Dali; "The Meet" Fox hunting scene by Herrings; Peter Stimeling watercolor; C. Rosseau; F. Boilauge signed numbered Litho; artist's proof "Art Museum" by R. Ehrlich; Paintings by Harry Dunn and others.

MAJOLICA COLLECTION - Patterns including sunflower, butterfly, shell & weed, bird, daisy, rose, lily, grapeleaf, bamboo, cauliflower; Teapots, fish vase, cake stand, syrups, pitchers, compotes, jug, plates, salt dip, berry trays, spooners, butter pats, etc; Request a catalog.

TEAPOT COLLECTION - Approx. 30 china teapots include Wedgwood, Staffordshire, I.S., Buffalo, Rebecca at the well, McCoy, Redwing, Burslem, Furnivals Ltd., several have matching sugars & creamers.

TEDDY BEARS, ROCKING HORSES & ANIMALS - Bears include Stief, Herman, Berg, many jointed, black, white, green, orange and other fur colors, some with growlers & squeakers, pull toys include Stief Teddy & Donkey, Stief type elephant & wooden horse; rocking horses include one white on rocker & wheels; one wooden horse w/sulky, also one Santa Claus. Request Catalog.

DRUMS - Complete Professional Drum Set w/Gretsch - Rodgers snare, Zildjian & Paiste cymbals including cases.

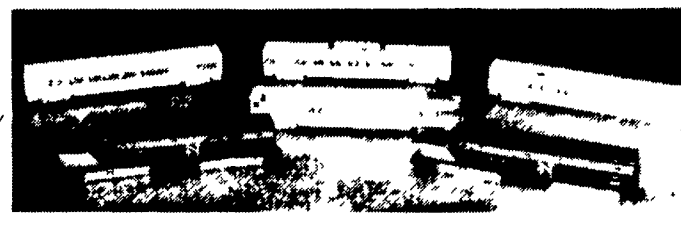
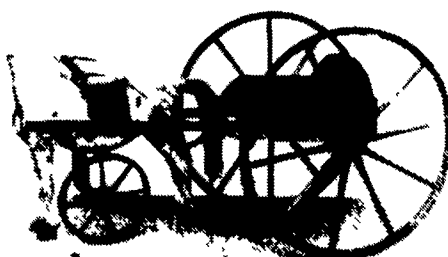
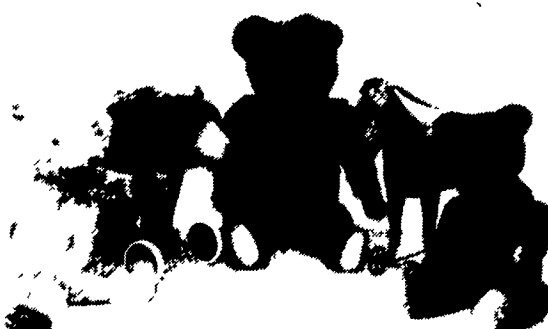
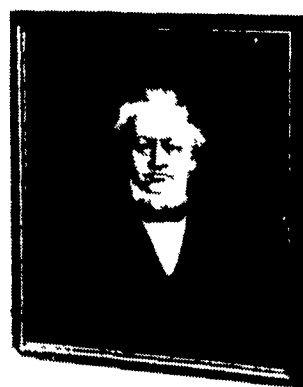
TOOLS - Elec. Circular Saw, 3 towing chains, block & tackle, two 13" Ford rims, large tarp.

AUTO - 1983 4 dr. Ford Fairmont Futura, 6 cylinder, auto., air conditioned, AM/FM radio, B Title, 51,981 miles, in good condition. Owner - Rev. Victor Gruhn.

TERMS - CASH

LUNCH

"Start your Christmas Shopping w/us."



ALDERFER AUCTION COMPANY

501 Fairgrounds Road • Hatfield PA • (215) 368-5477

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PA AD AU-00117-L

Dairy and Livestock Sales

mis. S. of Exit 14 of the PA Tnpk. Mary Shaner Farm. James Speer, Auct.

SAT. NOV. 28 - 4PM Second Annual Pre-Christmas Farm Toy Auction Lancaster Farm & Home Center, 1383 Arcadia Road, S on Rt. 72 off 283 to Service Road, left 1 block. Lanc., PA. Coleman Wheatley &

SAT. NOV. 28 - 11:30AM 150 Acre Farm in Metal Twp., Franklin Co., PA. Just N. of village of Fannettsburg, along PA Rt. 75 and 3

Doug Beard, Owners. Wally Hooker, Auct.

SUN. NOV. 29 - 2PM Real Estate "Ox Yoke Inn"-33 Unit Motel. U.S Rt 6, Galeton, Potter Co., PA. Kenneth A Geyer Auct Co. Inc

DECEMBER

TUES DEC. 1 - Restaurant Eq. & Catering Machines Martins Sales Pavilion, Intercourse, PA. Martin Aucts. Inc

THURS DEC. 3 - 9AM Antiques, Train Collection, China, Glassware, Furnishings, Tools For: Isaac Bucher, et al. At: The Alderfer Auct Center, 501 Fairgrounds Rd., Hatfield, PA Sanford Alderfer Auct Co.

THURS. DEC. 3 - 10AM Antiques, HH, Buggy, Sleigh. 733 Glenwood Drive, Ephrata Twp., Lanc. Co., PA Rt. 322 E. of Ephrata to Hahnstown Rd to Glenwood Drive. Terms

by: Martin S. & Alice S. Bauman. T. Glenn & Timothy G Horst, Aucts.

THURS. DEC. 3 - 10:30AM Antiques, Personal Property. Wrightsville, PA, along Bull Run Rd., in Lower Windsor Twp., near Craley Florence M. McFatrige, Owner. Jacob A & Brian L. Gilbert, Aucts.

FRI DEC. 4 - 10AM Central Time Fertilizer Eq. 12 mis S of I-80 at Joliet, Illinois, on State Rt. 53 to James Tyler & Sons Inc. Schrader Real Estate & Auct. Co Inc

FRI & SAT. DEC. 4 & 5 - 12 Noon & 10AM Respectively. Commercial Real Estate, Tools, Building Supplies, Vehicles Weaver's Supply, Rt. 472, Kirkwood, PA, 10 mis. N. of Oxford on Rt. 472, 5 mis. S. of Quarryville, PA. Hunter's Sale Barn, Auct.

SAT. DEC. 5 - 9AM Antiques, Personal Property. At Springetts Fire Co. Social

Hall, 3013 E. Market St., York, PA. Jacob A. & Brian L. Gilbert, Aucts.

SAT. DEC. 5 - 10AM Consignment Auction of New & Used Farm Tractors & Machinery. Rt. 38 & 38B, Newark Valley, NY Goodrich Auct. Serv

SAT DEC. 5 - 10AM Real Estate, HH, Cars & Motor Home. Along Rt. 23 in East end of village of Goodville, E Earl Twp., Lanc. Co., PA. Terms by: Clarence E. Weaver Estate Robert E. & Jeffrey R. Martin, Aucts Frank L. Steller

SAT DEC 5 - 10AM 45 A Farm, Farm Eq., Antiques, Cars, Personal Property S of Red Lion approx 2 1/2 mis turn left on Pleasant Grove Rd, go straight on Pleasant Grove Rd 1 1/2 mis., farm on left. Thomas L. & Helen L. Emenheiser, Owners. Bradley K Smith, Auct.

THANKSGIVING DAY

Thursday, November 26, 1987

Regular Livestock Auction - 4:00 p.m.
Jersey Shore Livestock Auction

Jersey Shore Livestock Auction

RD 2, PO Box 271
Jersey Shore, PA 17740
South of Jersey Shore on Rt. 44

FOR INFORMATION CALL
814-349-8760/717-398-0111/717-398-2373

TERMS: CASH
Restaurant Open

KISH VALLEY DAIRY SALES



Located at the corner of Walnut St. & the Front Mountain Rd. in Belleville.

Dairy Sale
Friday, November 27, 1987
at 1 P.M.

2 COMPLETE MILKING HERDS

One from Centre Co. and one from Mifflin Co. Several just fresh & close springers with good udders.

For more information contact Sherman Glick, owner, 717-935-5195 or 717-248-0960.
Bryan D. Imes, Auctioneer
#AU-001656-L
Lunch Stand Will Be Open



ABSOLUTE PUBLIC AUCTION

Of Griest's Antique & Flea Market Items
Representing 7 years of collecting
by the owners.

Also, Many Household Goods,
Furniture & Tools.

Sat. November 28, 1987
at 9:00 A.M.

Located: South of Willow Street or North of Buck on Rt. 272 to Truce, turn west on Truce Rd. approx. 2.2 mi. thru town of Rawlinsville, Lanc. Co., PA to sale.

Due to moving out of state, Griests are liquidating. Auction will be conducted INSIDE large barn. Food served. No out of state checks. Call auctioneer to be sent complete listing.

Sale by:
Ralph & Mina Griest
Roy C. Probst,
AU-000730-L and
Eric R. Probst, auctioneers.
717-464-3190 or
717-464-3700.

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES

**SATURDAY,
NOVEMBER 28, 1987**

Horses 10:30 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.



Loads of Draft Horses
Loads of Sharp Standardbred Driving Horses
Work Horses Young Well Matched Teams

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers

Terms: Cash Trucking Available Restaurant Open
Horse Sale Last Saturday Of Every Month

EVER - LEA FARMS MILKING HERD and BRED HEIFER DISPERSAL

Saturday, December 5 — 10:00 A.M.
New Holland Sale Stables

207 HEAD

183 Registered - 24 High Quality Grades

160 Cows - Balance Bred Heifers due now thru March '88

DHIA - RHA 17,137 3.8% 652

This average made with 50 head in their 1st lactation — ALL SELL!

Fresh Dates	Due Dates	A Young Herd
10 in November	14 due in December	50 in 1st lactation
9 in October	19 due in January	Average age of milking
12 in September	20 due in February	herd is 3 1/2 yrs.

Popular Breeding

Sires	Service Sires	High Records
14 by Chairman	14 bred to Starwar	2 Sell over 1000F
10 by Bell	12 to Coldspring Kure	14 from 800F-903F
10 by Jet Stream	10 to Devins President	18 from 700F-798F
13 by Spirit	10 to Bell Jaeger	36 from 600F-693F
22 by Wiseman	Also: Troy, Sammy, Count, Bachelor, & Secret	

This is a well-managed free stall herd bred to produce profitably under commercial conditions. They are young, good-uddered cows with excellent feet and legs. There is solid production for several generation all through the herd — for example: Triana has 4-4 348d 22,520 4.5% 1031. Her dtr. by Wiseman has 3-8 321d 19,475 4.4% 851, and her gr'dtr. by Chairman is projected to 21,683 4.2% 927 as a 2 yr. old. Many other groups within the herd follow this same pattern.

Interstate Tested — Preg. Checked
Calfhood Vac. — Shipping Fever Shots
Catalogs Available Prior to Sale

- OWNER -

EVER-LEA FARM

JOHN E. EVERETT

196 Beckman Lane, Somerville, NY
201/369-8381 or 369-4036

New Holland Sales Stables

Abe Diffenbach

Norman Kolb

717/354-4341

BACKUS ASSOCIATES, INC.

Sale Managers & Auctioneers

Mexico, NY
315-963-7231

P.O. Box 424
Elizabethtown PA 17022
717-367-9236



Next Cow Sale OUR ANNUAL CHRISTMAS SALE

FRI., DEC. 11, 1987
11 a.m.

At the Shady Lane Dairy Sales, Inc.,
Quarryville, PA.

150 Head Registered & High Grade Holsteins including an extreme top herd dispersal.

Watch next week's paper
for full ad.

Shady Lane Dairy Sales, Inc.
Quarryville, PA
Glenn 717-786-2750 or
Dave 717-786-1725

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. DEC 5 - 2PM 150 Acres Pine Twp., Columbia Co., PA, on Rt 442 N. of Millville (2 miles) Quaker Siding on State Street, Millville, PA Drexel & Beth Wright, Sellers John Autotore, Auct

SAT DEC 5 - 2PM Real Estate, Antiques, HH Formerly Robert Schweitzer Property, 105 S Academy Drive, between Rt 322 and Rt 272, Ephrata, PA Terms by Minam E Hershey T Glenn & Timothy G Horst, Aucts

MON DEC 7 - 10AM Tractors, Farm Machinery, Lawn & Garden Finnermans Farm & Garden Service, Inc., 1/2 mi W of Centerville, MI, on M-86 6 mis E of Three Rivers, MI. 29 mis W of Coldwater, MI Schrader Real-Estate & Auct Co

MON DEC 7 - 12 Noon 72 Reg & Grade Holsteins, Case 2094 4WD Tractor, Crops, Farm & Dairy Machinery. Rt 322, 1 mi W of Ephrata turn N. on Durlach Rd, 2 mis to Durlach. At crossroad turn right to first farm on right, Clay Twp., Lanc Co., PA. By James S & Lisa R Bollinger and Ray P & Geraldine Bollinger. Paul E Martin & John D. Stauffer, Aucts.

WED. DEC 9 - 5PM Wood-working Tools Brckerville Fire Hall at 10 Hopeland

Rd Just off Rt 322, 8 mis W. of Ephrata. Brckerville, Lanc Co., PA. Terms by Helen Starry, T Glenn & Timothy G Horst, Aucts

THURS DEC 10 - 12 Noon Holstein Dairy Herd Dispersal RD 2, Port Royal Don & Jean Groninger, Owners Bryan D Imes, Auct

FRI DEC 11 - Dairy Cow & Heifer Sale at Kling's Sale Barn, Landisburg, PA Kling's Auct Serv

FRI DEC 11 - 10AM Horse Drawn Farm Machinery, 100 Bred Sows and Gilts Horses and Farm Related Items Located RD2, Loganton, PA Ike & Anna Stoltzfus, Owners Bryan Imes, Auct

FRI DEC 11 - 11AM Our Annual Christmas Sale at Shady Lane Dairy Sales Inc., Quarryville, PA 150 Head Reg & High Grade Holsteins including an extreme top herd dispersal Shady Lane Dairy Sales Inc

FRI DEC 11 - 130PM State Graded Feeder Pig Sale Carlisle Lvstck, Mkt, Inc., Exit 12 off I-81 717-249-4511

FRI DEC 11 - 530PM HH, Antiques, Tools at Gap Auction near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Witman Aucts

SAT DEC 12 - 9AM Farm

Eq., Horses, HH, Antiques 4 mis E of Compass, turn off Rt 340 near King's Highway Elem School on N Bonsall School Rd., Chester Co, PA Terms by Elam K & Mary S Beiler Robert E. & Jeffrey R Martin, Aucts Frank L Steller

SAT DEC 12 - 9AM HH, Furniture, Antiques for Naomi Cassel, RD 1, Manheim, PA Along Fairland Rd Paul E Martin & John D Stauffer, Aucts

SAT DEC 12 - 930AM Real Estate, Tools, HH Along River Road in village of Chestnut Level, adjacent to Presbyterian Church 3 mis S of "the Buck", 15 mis S of Lamaster Drumore Twp Terms by Larry D Sinclair J Everett Kreider, Stanley Bucher & Martin Heaps, Aucts.

MON DEC 14 - 9AM Vegetable Farm Eq & Irrigation Located on Pleasant Valley Rd, Marlboro, NJ Joseph Mocchi & Sons, Owner Col Fred R Daniel Aucts

SAT. DEC 19 - 9AM Farm Eq & Parts Along 340 in Intercourse, 12 mis E of Lancaster Terms C B Hooper & Son Inc Robert &

Jeffrey Martin, Aucts. 717-656-7770.

JANUARY

FRI. & SAT. JAN. 1 & 2 - Farm Toy Auction & Show 1PM & 2PM Respectively. At New Holland Fire Hall, New Holland, PA. Dave Nolt 717-768-3554

FRI JAN 8 - 130PM State Graded Feeder Pig Sale Carlisle Livestock Mkt, Inc., Exit 12 off I-81. 717-249-4511

SAT. JAN 9 - 10AM Farm Eq. Along Cottage Rd, Tulpehocken Twp., Lebanon Co. Terms by Mark & Oga Hunsicker Horning Farm Agency Inc.

THURS JAN. 14 - 2PM Real Estate Wrightsville, PA, along Bull Run Rd in Lower Windsor Twp near Craley Florence M McFatridge, Owner Gilbert & Gilbert Aucts

SAT. JAN. 16 - 10AM Farm Eq., HH, 8 Acre Farmette w/2 1/2 story home 2 1/2 mis E. of Blue Ball off Rt 322 on Briertown Rd East Earl Twp., Lanc. Co., PA Terms by Noah C. & Helen R Snader. Robert E. & Jeffrey R. Martin, Aucts

SAT JAN 16 - 10AM 8 Acre M/L Farmette, Eq & HH 2 1/2 mis. E of Blue Ball off 322 on Briertown Rd., first place on right. Terms by: Noah C & Helen R. Snader. Robert E. & Jeffrey R. Martin, Aucts. Frank L Steller.

FEBRUARY

SAT. FEB. 20 - Holstein Dairy Cattle, Farm Machinery. Along Shirk Rd. just W. of Blue Ball off Rt 322, New Holland, PA Terms by James H. & Marion W. Martin. Kline, Kreider, Good, Aucts.

SAT. FEB. 20 - New Jersey Potato Farm Auction at Freehold, NJ. For Edgar Maghan/Four Maples Farm. Pirrung Aucts Inc.

MON FEB 22 - New Jersey Potato Farm Auction at Cranbury, NJ. For Raymond & Gordon Simonson/Simonson Farms since 1932 Pirrung Aucts. Inc.

SAT FEB. 27 - South Jersey One of the largest private vegetable farm machinery auctions in New Jersey 35 Tractors, 20 Trucks, Equipment, Miles of Irrigation For Louis Pizzo, Rt 56, Rosenhayn, NJ, Vineland area Col Fred R Daniel, Aucts

MARCH

FRI MAR. 4 - 1030AM Registered Holstein Dairy Herd Dispersal. 20 mis E. of Lancaster, 2 mis. S of Rt 30 along Swan Road, Atglen, PA, Chester Co. For Lester & Anna Mae Eby. Leon D. Kurtz & J Omar Stoltzfus, Aucts. Dale Hoover, Pedigrees.

SAT. MAR. 5 - 9AM Bart Township Fire Co. 24th Annual All Day Sale

Located village of Georgetown, Lanc. Co., Bart, PA.

MON. MAR. 7 - Annual Fall Auction by Lebanon Valley Auction Co. Inc. to be held at Lebanon Fairgrounds, Lebanon, PA.

SAT. MAR. 26 - Lancaster Farm Toy Show, auction & sale, 6th annual. At Willow Valley Family Resort and Conference Center, 2416 Willow St. Pike, Lancaster, PA. Rt 222 South of Lancaster City.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH 717-786-3016

JAMES & LISA BOLLINGER COMPLETE HERD DISPERSAL AUCTION

CASE 2094 4WD TRACTOR, CROPS FARM and DAIRY EQUIPMENT
MON., DEC. 7, 1987

Auction Time: 12:00 Noon
LOCATION: Route 322, 1 mile west of Ephrata turn north on Durlach Road, 2 miles to Durlach. At crossroad turn right to first farm on right, Clay Township, Lancaster County, Penna.

72- Registered and Grade Holsteins- 72

37 milk cows- 22 registered, 15 grade cows. This herd is on DHIA test. Current R.H.A. 15,278 3.8 test, 50 lb. milk avg. Cows in all stages of lactation. 9 cows due or fresh Nov.-Jan.

10- Bred heifers,

5 registered

15- Yearling to breeding age heifers

10- Heifers from calfhood to yearlings

1- 10-month-old bull

Feature cows selling

- REG - MARVEX 3-6 338 days 22,462m. 3 6 803f Fresh Oct. 30, 1987 with heifer calf by Milkmaster
- REG - JEANE 2-11 338 days 16,830m 4 5 752f Columbus daughter, her dam VG Elevation daughter with 3-0 record of 21,540 3 8 820
- 1 D GRADE- WHITE CLOUD 5-8 proj 21,322m 4 0 854f
- 1 D. GRADE-KING 6-0 proj. 21,138m 3 4 668f
- REG - AVON Good Plus 83 proj. 18,753m. 3 5 666f
- REG - KAY 4-2 proj. 17,964m. 3.6 652f Triple-Threat daughter, Fresh by sale day
- REG - KELLY bred heifer daughter of Kay Cow Granddaughter of Valiant
- REG - JEM 4-0 proj 18,823m. 3.1 585f Due December 17
- GRADE-TRISHA 4-1 proj. 16,596m. 4 0 689f. Due December 6

NOTE:— All cows and heifers Blood & T.B. tested — Pregnancy checked — Catalogues day of Auction PEDIGREES—HENRY KETTERING

CASE 2094 DIESEL

Cab, Air, 4 Wheel Drive, only 1200 hrs., LIKE NEW; MASSEY FERGUSON #880 5x16 Automatic Reset Semi-Mount Plow; Rissler 60' Taperboard Feeder w/New motor; 5 Calf Hutches; 2 Feed Carts; 4 Gates; 2 Hog Feeders; Electric Fly Sprayer; 30 TONS 1st, 2nd, 3rd & 4th CUTTING ALFALFA; 40' Corn Silage in 20' Silo; Ag Bag w/Sudan Glass Silage.

TERMS: Cash of good check day of auction. All out-of-state checks must be accompanied by a Bank Letter of Credit for this specific auction.

NOTE: Selling equip. because of less land to farm. Equip. to be sold immediately after dairy herd.

Auction By
JAMES S. & LISA R. BOLLINGER
RAY P. & GERALDINE BOLLINGER
Phone 717-733-9504 or 717-733-4560

Auction Conducted By:
J&P Auctions
Paul E. Martin,
Auct. AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer,
Auct. AU-001509-L
Lititz, Pa. 717-665-5099
Food at Auction

PUBLIC SALE

COMPLETE DAIRY HERD DISPERSAL
Wednesday, November 25, 1987-

12:00 Noon

Located in Juniata Co., approx. 2 miles North of Thompsontown, Pa., off Rt. 322 at Thompsontown Exit, take North Pine Street at square, 2 miles to Pinacle Rd., 1st farm (watch for sale signs)

60 HOLSTEINS 60

Selling...34 Milking and Mature Animals
2 Bred Heifers, 3 Breeding-age Heifers
8 Yearlings, Balance Calves

45 REGISTERED ANIMALS SELL- (Some Classified)

BALANCE GRADES & I.D. GRADES

Certified & Accredited - 30 Day Test -
All Young Stock Calfhood Vaccinated
DHIA Records - Rolling Herd Average 16380- 3.70- 610
2 Cows sell with over 25,000 lb. milk
6 Cows sell with over 20,000 lb. milk
11 Sell with over 18,000 lb. milk

3 RED & WHITE HOLSTEINS SELL (1/2 Young Stock are Red Carriers)

10 Animals sell fresh in Sept. & October; 5 Due before sale time; Several due before end of Year.

SIRE OF ANIMALS SELLING INCLUDE-

Jet Stream, Mars Tony, Chairman, Spirit, Home Run, Ace, Basic, Standard, Royal Adam, Burkgov Demand, Elevation Chip, Admiral Citation, Dreamwold and Many More.

SERVICE SIRE INCLUDE- Enhancer, Valiant Don, Ned Boy, Mandingo, Gold, Comon On Chief, Jet Stream, Foundation, Lilypond RFK-Red and More.

A FEW FEATURED ANIMALS INCLUDE-

A VG-85 pt. Flintstone Royal Adam (she will score higher)- due at sale time to Sienna Red- Made 16,000 of 4.1% as a 3 yr. old- THIS IS A FANCY, FANCY COW!

A GP Jet Stream- Made 20,783 4.2 868f last lactation - due January to Ned Boy - SHE IS THE 5TH GENERATION OF OVER 4%-testers.

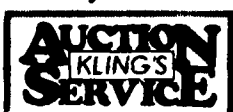
A Fancy Red & White 4 yr. old- due Dec. 17 to RFK Red- Making a 3 yr. old record of 21,265m 3.6 758f- THIS IS A NICE COW!

A Jemini Daughter- fresh 10-29- Sells with her heifer calf by Gay-Hart- 3 yr. old record of over 19,000 & 700f.

THIS HERD HAS GOT SOME NICE YOUNG COWS THAT WILL BE A WELCOME ADDITION TO ANYONE'S HERD. THEY HAVE QUALITY & TYPE AND ARE BRED TO SOME OF THE BEST SIRE IN THE BREED. DON'T MISS THIS AUCTION IF YOU NEED REPLACEMENTS.

DONALD M. & JUDY I. SIEBER, OWNERS
R.D. 1, THOMPSONTOWN, PA.
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LANCASTER, PA — WOODSBORO, MD

500

**ON HAND AT
BOTH FARMS**

500

Purebred Fresh Cows

Grade Fresh Heifers

Purebred Springing Cows

Grade Springing Heifers

Grade Fresh Cows

Purebred Stock Bulls

Grade Springing Cows

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SALES
PUBLIC **MONTHLY**
DAILY

Grade Stock Bulls

Purebred Fresh Heifers

Purebred & Grade
Heifer Calves

Purebred Springing Heifers

FREE TURKEYS FOR COW BUYERS

Happy Thanksgiving to Everyone!



LANCASTER, PA

(717) 569-6800/569-2106

Special Christmas Sale 200 Head

Friday, December 11, 1987 - 11:00 A.M.

WOODSBORO, MD

(301) 898-7720/898-7663

Special Christmas Sale 200 Head

Thursday, December 17, 1987 - 11:00 A.M.

WEST WILLOW FARMERS ASSOC.

SPECIALISTS IN DAIRY NUTRITION PROGRAMS CUSTOMIZED TO YOUR FARM

Our Dairy Consultants Blend Your Farm Information
With Purina's Industry Leading Research To Maximize
Your **"INCOME OVER FEED COST."**

WE SALUTE OUR CUSTOMERS SUCCESS:

+2,027# MILK, +114 Fat

DHIA AVG. IN 12 MONTHS!

19,531 Milk, 716 Fat (Oct. '87); 17,504 Milk, 602 Fat (10/86)

AMOS CONLEY'S FEED PROGRAM (38 Cows)

High Moist. Corn 20 Lb. Corn Silage
8# Hay 18 Lb. Haylage

"PURINA MAXI-TECH 32 F.F."

+2,008# MILK, +67 Fat

DHIA AVG. IN 12 MONTHS!

19,808 Milk, 708 Fat (Sept. '87); 17,800 Milk, 641 Fat (9/86)

ELVIN HESS' FEED PROGRAM (81 Cows)

5# Hay 12# Haylage
50# Corn Silage

"PURINA TEST COW B20 F.F."

+1,511# MILK, +79 Fat

DHIA AVG. IN 12 MONTHS!

20,499 Milk, 706 Fat (Oct. '87); 18,988 Milk, 627 Fat (10/86)

SAMUEL LONG'S FEED PROGRAM (55 Cows)

Ear Corn 35# Corn Silage
3# Hay 15# Haylage

"PURINA MAXI-TECH 32 F.F."

IF YOU ARE LOOKING FOR "HIGHER PRODUCTION AND PROFITS",
CONTACT THE LEADERS IN HIGH PERFORMANCE PROGRAMS:

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R.D. #1, West Willow, PA 17583
717/464-3386